CERTIFICATE OF COMPLETION

July 02, 2024

Vibek Roy

Salesforce Developer Virtual Internship

During the 8 Weeks period of Virtual Internship **(May-June 2024),** Vibek Roy has completed the following Salesforce Trailhead modules

Salesforce Fundamentals
Organizational Setup
Relationship & Process Automation
Types Of Flows & Security
Apex, Testing & Debugging
VS Code Setup & CLI Setup
Lightning Web Components (LWC) & API

Super Badge - Apex Specialist
Super Badge - Process Automation Specialist
Super Badge - Developer Super Set

Certificate ID: SISFVIPAD2024-2355 **| Verify this certificate @** https://skillwallet.smartinternz.com/internships/salesforce_certificates/3f53d7190148675e3cd472fc826828c5

Shri Buddha Chandraseker
Chief Coordinating Officer(CCO), NEAT Cell-AICTE

Mr Amarender Katkam
Founder & CEO, SmartBridge & SmartInternz

एनटीपीसी NTPC

फरक्का Farakka

Regional Learning Institute

NTPC Farakka , West Bengal

Certificate

Date: 18.07.2024

This is to certify that Ms. Somdutta Manna D/o Sh. Saugata Kumar Manna has successfully completed Internship Training at Regional Learning Institute, NTPC Limited, Farakka ,West Bengal from 19.06.2024 to 17.07.2024
We wish her every success in life.

Sr. Asst. Engineer
(RLI)

NTPC RLI FARAKKA

Head RLI

Industrial Training Certificate
ARDENT COMPUTECH PVT. LTD.
Ardent Verified
This certificate is awarded to
MOHAMMED ZAID
of
HERITAGE INSTITUTE OF TECHNOLOGY, KOLKATA
for successfully completing the Industrial Training on
VLSI BASED IC DESIGN
from
06-06-2024 to 06-07-2024
and implementing the project titled
BINARY TO EXCESS 3
Certificate ID: ARDENT/110889
Issue Date: 06-07-2024
Microsoft
Technology Associate
AUTODESK
MSME
Director
Technology Services
Director
Operations

Industrial Training Certificate
ARDENT COMPUTECH PVT. LTD.
Ardent Verified
This certificate is awarded to
TUSHAR MAITY
of
HERITAGE INSTITUTE OF TECHNOLOGY, KOLKATA
for successfully completing the Industrial Training on
VLSI BASED IC DESIGN
from
06-06-2024 to 06-07-2024
and implementing the project titled
ALU DESIGN USING VERILOG
Certificate ID: ARDENT/110883
Issue Date: 06-07-2024
Microsoft
Technology Associate
AUTODESK
MSME
Director
Technology Services
Director
Operations

क्रम सं. / SL.No.: 176/2024

तारीख / Date: 17/7/24

भारतीय अंतरिक्ष विज्ञान एवं प्रौद्योगिकी संस्थान
Indian Institute of Space Science and Technology

वि.अ. आयोग अधिनियम 1956 की धारा 3 के अधीन मानित विश्वविद्यालय घोषित/Declared as Deemed to be University under section 3 of the UGC Act, 1956
अंतरिक्ष विभाग, भारत सरकार के तहत स्वायत्त संस्थान /An autonomous institute under Department of Space, Govt. of India
वलियमला, तिरुवनंतपुरम - 695547, केरल / Valiamala, Thiruvananthapuram 695547, Kerala

प्रशिक्षुता प्रमाणपत्र / INTERNSHIP CERTIFICATE

यह प्रमाणित किया जाता है कि सुश्री सोमशुभ्रा मान्ना

ने अपना बायोमेडिकल डिवाइसस : डिज़ाइन, मेनालिसिस एंड परफोरमन्स इवैल्यूएशन ऑफ बायोमेडिकल इलेक्ट्रॉनिक सिस्टम्स बेस्ड ऑन मैग्नेटिक प्रिंसिपल्स शीर्षक ग्रीष्मकालीन प्रशिक्षुता कार्यक्रम मई 31, 2024 से जुलाई 17, 2024 तक की अवधि के दौरान भारतीय अंतरिक्ष विज्ञान एवं प्रौद्योगिकी संस्थान के एवियोनिक्स विभाग में डॉ. अनूप सी. एस. के मार्गदर्शन में सफलतापूर्वक पूरा किया।

This is to certify that Ms. SOMSUBHRA MANNA has successfully completed his/her summer internship programme titled Biomedical Devices: Design, Analysis & Performance Evaluation of biomedical electronic systems based on magnetic principles under the guidance of Dr. Anoop C. S. in the Department of Avionics Indian Institute of Space Science and Technology, Thiruvananthapuram during the period May 31, 2024 to July 17, 2024.

डॉ. अनूप सी. एस. / Dr. Anoop C. S.
सह आचार्य/Associate Professor
विमानिकी विभाग / Department of Avionics
भारतीय अंतरिक्ष विज्ञान एवं प्रौद्योगिकी संस्थान
Indian Institute of Space Science and Technology
अंतरिक्ष विभाग, भारत सरकार
Department of Space, Government of India
वलियमला/Valiamala, तिरुवनंतपुरम/Thiruvananthapuram - 695 547
मेंटर/Mentor

विभागाध्यक्ष / Head of the Department
विमानिकी विभाग / Department of Avionics
भारतीय अंतरिक्ष विज्ञान एवं प्रौद्योगिकी संस्थान
Indian Institute of Space Science and Technology
अंतरिक्ष विभाग, भारत सरकार
Dept. of Space, Govt. of India
विभागाध्यक्ष
HoD

प्रो. राजु के. जॉर्ज
Prof. Raju K. George
डीन, छात्र गतिविधियां, छात्र कल्याण, बहिरंग कार्यक्रम
Dean SA, SW & Outreach

Industrial Internship Certificate

ARDENT COMPUTECH PVT. LTD.
N·E·A·T

Ardent Verified

This certificate is awarded to

SHOUNAK BHATTACHARYA

of

HERITAGE INSTITUTE OF TECHNOLOGY, KOLKATA

for successfully completing the **Industrial Internship** on

VLSI BASED IC DESIGN

from

06-06-2024 to 06-07-2024

and implementing the project titled

TRAFFIC LIGHT CONTROLLER USING VHDL

Certificate ID: ARDENT/110881
Issue Date: 06-07-2024

Microsoft Technology Associate

MSME

ISO

Director
Technology Services

Director
Operations

CERTIFICATE OF COMPLETION

July 02, 2024

Archita Roy

Salesforce Developer Virtual Internship

During the 8 Weeks period of Virtual Internship (**May-June 2024**), Archita Roy has completed the following Salesforce Trailhead modules

Salesforce Fundamentals
Organizational Setup
Relationship & Process Automation
Types Of Flows & Security
Apex, Testing & Debugging
VS Code Setup & CLI Setup
Lightning Web Components (LWC) & API

Super Badge - Apex Specialist
Super Badge - Process Automation Specialist
Super Badge - Developer Super Set

Certificate ID: SISFVIPAD2024-2349 | **Verify this certificate @** https://skillwallet.smartinternz.com/internships/salesforce_certificates/70fcb77e6349f4467edd7227ba373222

Shri Buddha Chandrasek
Chief Coordinating Officer(CCO)
NEAT Cell-AICTE

Mr Amarender Katkam
Founder & CEO, SmartBridge &
SmartInternz

Industrial Internship Certificate

Ardent Verified

This certificate is awarded to

DEBASMITA PAUL

of

HERITAGE INSTITUTE OF TECHNOLOGY, KOLKATA

for successfully completing the **Industrial Internship** on

CLOUD BASED FULL STACK DEVELOPMENT WITH AI & ML INTEGRATION USING MERN

from

04-06-2024 to 04-07-2024

and implementing the project titled

SOCIAL MEDIA APP

Certificate ID: ARDENT/109805
Issue Date: 04-07-2024

Microsoft Technology Associate

Director Technology Services

Director Operations

Industrial Internship Certificate

ARDENT COMPUTECH PVT. LTD.
High-End Technology Training and Project

N·E·A·T

Ardent Verified

This certificate is awarded to

SARBOJIT SAHA

of

HERITAGE INSTITUTE OF TECHNOLOGY, KOLKATA

for successfully completing the **Industrial Internship** on

CLOUD-BASED FULL STACK DEVELOPMENT WITH AI & ML INTEGRATION USING MERN

from

04-06-2024 to 04-07-2024

and implementing the project titled

VIDEO CONFERENCING APP

Certificate ID: ARDENT/109826
Issue Date: 04-07-2024

Microsoft Technology Associate

MSME

Director Technology Services

Director Operations

Industrial Training Certificate

ARDENT COMPUTECH PVT. LTD.
High-End Technology Training and Project

Ardent Verified

This certificate is awarded to

SARTHOK DEBNATH

of

HERITAGE INSTITUTE OF TECHNOLOGY, KOLKATA

for successfully completing the **Industrial Training** on

DATA SCIENCE, ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING USING PYTHON

from

06-06-2024 to 06-07-2024

and implementing the project titled

MUSIC RECOMMENDATION SYSTEM

Certificate ID: ARDENT/110009
Issue Date: 06-07-2024

Microsoft Technology Associate

AUTODESK

MSME

Director Technology Services

Director Operations

Industrial Internship Certificate

ARDENT COMPUTECH PVT. LTD.
High-End Technology Training and Project

N·E·A·T
National Educational Alliance for Technology

Ardent Verified

This certificate is awarded to

SOHAM CHAKRABORTY

of

HERITAGE INSTITUTE OF TECNOLOGY, KOLKATA

for successfully completing the **Industrial Internship** on

DATA SCIENCE, ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING USING PYTHON

from

06-06-2024 to 06-07-2024

and implementing the project titled

MUSIC RECOMMENDATION SYSTEM

Certificate ID: ARDENT/109683
Issue Date: 06-07-2024

Microsoft Technology Associate

Director
Technology Services

Director
Operations

एनटीपीसी NTPC

फरक्का Farakka

Regional Learning Institute

NTPC Farakka , West Bengal

Certificate

Date: 18.07.2024

This is to certify that Sh. Arghyadeep Ghosh S/o Sh. Arindam Ghosh has successfully completed Internship Training at Regional Learning Institute, NTPC Limited, Farakka ,West Bengal from 19.06.2024 to 17.07.2024

We wish him every success in life.

Sr. Asst. Engineer
(RLI)

NTPC RLI FARAKKA

Head RLI

Short Term Certified Summer Internship Training Programme

IC Design & Fabrication Centre
Department of Electronics & Tele-communication Engineering
JADAVPUR UNIVERSITY

Certified that Sri/Smt. **Subhodeep Paul** *from Heritage Institute of Technology, Kolkata, successfully completed the Short Term Certified Summer Internship Training Programme on* **"Microelectronics Technology and VLSI Design"** *organized by IC Design & Fabrication Centre, Electronics & Tele-communication Engineering Department, Jadavpur University, Kolkata – 700032 from* **26th June 2024 to 16th August 2024**. *He/she has secured* **'B+'** *grade in this course.*

Sayan Chatterjee
Prof. Sayan Chatterjee
Co-ordinator
IC Design & Fabrication Centre
Electronics & Tele-communication Engg. Dept.
Jadavpur University, Kolkata – 700032

Prof. Manotosh Biswas
Head, Department of Electronics &
Tele-communication Engineering
Jadavpur University
Kolkata – 700032

(Gradation: A+=90-100%, A=80-90%, B+=70-80%, B=60-70% & C=50-60%)

Short Term Certified Summer Internship Training Programme

IC Design & Fabrication Centre
Department of Electronics & Tele-communication Engineering
JADAVPUR UNIVERSITY

Certified that Sri/Smt. **Sandipan Bairi** *from Heritage Institute of Technology, Kolkata, successfully completed the Short Term Certified Summer Internship Training Programme on* **"Microelectronics Technology and VLSI Design"** *organized by IC Design & Fabrication Centre, Electronics & Tele-communication Engineering Department, Jadavpur University, Kolkata – 700032 from* **26th June 2024 to 16th August 2024**. *He/she has secured* **'B'** *grade in this course.*

Sayan Chatterjee
Prof. Sayan Chatterjee
Co-ordinator
IC Design & Fabrication Centre
Electronics & Tele-communication Engg. Dept.
Jadavpur University, Kolkata – 700032

Prof. Manotosh Biswas
Head, Department of Electronics &
Tele-communication Engineering
Jadavpur University
Kolkata – 700032

(Gradation: A+=90-100%, A=80-90%, B+=70-80%, B=60-70% & C=50-60%)

Industrial Internship Certificate

ARDENT COMPUTECH PVT. LTD.
High-End Technology Training and Project

N·E·A·T

Ardent Verified

This certificate is awarded to

ESHA GHOSH

of

HERITAGE INSTITUTE OF TECHNOLOGY, KOLKATA

for successfully completing the **Industrial Internship** on

VLSI BASED IC DESIGN

from

06-06-2024 to 06-07-2024

and implementing the project titled

FULL ADDER IMPLEMENTATION AND LAYOUT USING CMOS

Certificate ID: ARDENT/110860
Issue Date: 06-07-2024

Microsoft Technology Associate

UDYOG AADHAR MSME

Director Technology Services

Director Operations

Industrial Training Certificate

ARDENT COMPUTECH PVT. LTD.
High-End Technology Training and Project

Ardent Verified

This certificate is awarded to

TATHAGATA PAUL

of

HERITAGE INSTITUTE OF TECNOLOGY, KOLKATA

for successfully completing the **Industrial Training** on

DATA SCIENCE, ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING USING PYTHON

from

06-06-2024 to 06-07-2024

and implementing the project titled

MUSIC RECOMMENDATION SYSTEM

Certificate ID: ARDENT/109727
Issue Date: 06-07-2024

Microsoft Technology Associate

AUTODESK

UDYOG AADHAR MSME

Director Technology Services

Director Operations

CERTIFICATE

ISO 9001 2015 CERTIFIED

Corporate Identity Number : U62013OD2023PTC044081

TECH OCTANET SERVICES PVT LTD.

This is to certify that

Shubham Raj

Web Development Internship

Duration: 1 Month (1st June 2024 - 1st July 2024)

During the internship period, He/She has demonstrated exceptional dedication, enthusiasm and a strong willingness to learn. They actively engaged in various projects and tasks assigned to them, exhibiting remarkable skills and a high level of professionalism.

Verified By :

Anjali Pivaty

Director & CEO

TECHOCTANET SERVICES PVT LTD

07-2024-95156

MINISTRY OF CORPORATE AFFAIRS | MSME | #startupindia | ISO 9001Certified | AICTE | IAF

क्रम सं. / SL.No.:175/2024

तारीख / Date: 17/07/24

भारतीय अंतरिक्ष विज्ञान एवं प्रौद्योगिकी संस्थान
Indian Institute of Space Science and Technology

वि.अ. आयोग अधिनियम 1956 की धारा 3 के अधीन मानित विश्वविद्यालय घोषित/Declared as Deemed to be University under section 3 of the UGC Act, 1956

अंतरिक्ष विभाग, भारत सरकार के तहत स्वायत्त संस्थान /An autonomous institute under Department of Space, Govt. of India

वलियमला, तिरुवनंतपुरम - 695547, केरल / Valiamala, Thiruvananthapuram 695547, Kerala

प्रशिक्षुता प्रमाणपत्र/INTERNSHIP CERTIFICATE

यह प्रमाणित किया जाता है कि सुश्री अंकिता चक्रबर्ती ने अपना बायोमेडिकल डिवाईसस: डिज़ाइन, एनालिसिस एंड परफोर्मेन्स इवैल्यूएशन ऑफ बायोमेडिकल इलेक्ट्रोनिक सिस्टम्स बेस्ड ऑन मैग्नेटिक प्रिन्सिपल्स शीर्षक ग्रीष्मकालीन प्रशिक्षुता कार्यक्रम मई 31, 2024 से जुलाई 17, 2024 तक की अवधि के दौरान भारतीय अंतरिक्ष विज्ञान एवं प्रौद्योगिकी संस्थान के एविओनिक्स विभाग में डॉ. अनूप सी. एस. के मार्गदर्शन में सफलतापूर्वक पूरा किया।

This is to certify that Ms. ANKITA CHAKRABORTY has successfully completed his/her summer internship programme titled Biomedical devices : Design, Analysis & Performance Evaluation of biomedical electronic systems based on magnetic principles under the guidance of Dr. Anoop C.S. in the Department of Avionics Indian Institute of Space Science and Technology, Thiruvananthapuram during the period May 31, 2024 to July 17, 2024

Anoop C.S. (Dr. ANOOP C.S.)
ज्ञानगुरु
Mentor

विभागाध्यक्ष
HoD

प्रो. राजु के. जॉर्ज / Prof. Raju K. George
डीन - छात्र गतिविधियां / छात्र कल्याण / बहिरंग कार्यक्रम
Dean SA, SW & Outreach

प्रो. राजु के. जॉर्ज
Prof. Raju K. George
(एसए, एसडब्ल्यू, ओआर), आईआईएसटी
Dean (SA, SW, OR), IIST

Industrial Training Certificate

ARDENT COMPUTECH PVT. LTD.
High-End Technology Training and Project

Ardent Verified

This certificate is awarded to

RAJDIP MUKHERJEE

of

HERITAGE INSTITUTE OF TECHNOLOGY, KOLKATA

for successfully completing the **Industrial Training** on

DATA SCIENCE, ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING USING PYTHON

from

06-06-2024 to 06-07-2024

and implementing the project titled

DETECTION OF PHISHING WEBSITES USING MACHINE LEARNING

Certificate ID: ARDENT/109985
Issue Date: 06-07-2024

Microsoft Technology Associate | AUTODESK | ASD | UDYOG AADHAAR MSME | ISO

Director Technology Services

Director Operations

Industrial Internship Certificate

ARDENT COMPUTECH PVT. LTD.
High-End Technology Training and Project

N·E·A·T
National Educational Alliance for Technology

Ardent Verified

This certificate is awarded to

BIVASH ROY

of

HERITAGE INSTITUTE OF TECHNOLOGY, KOLKATA

for successfully completing the **Industrial Internship** on

DATA SCIENCE, ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING USING PYTHON

from

06-06-2024 to 06-07-2024

and implementing the project titled

DETECTION OF PHISHING WEBSITE USING MACHINE LEARNING

Certificate ID: ARDENT/109936
Issue Date: 06-07-2024

Microsoft Technology Associate | ASD | UDYOG AADHAAR MSME | ISO

Director Technology Services

Director Operations

In Partnership With

Smart Internz

CERTIFICATE OF COMPLETION

July 02, 2024

Shreshth Sahu

Salesforce Developer Virtual Internship

During the 8 Weeks period of Virtual Internship **(May-June 2024),** Shreshth Sahu has completed the following Salesforce Trailhead modules

Salesforce Fundamentals
Organizational Setup
Relationship & Process Automation
Types Of Flows & Security
Apex, Testing & Debugging
VS Code Setup & CLI Setup
Lightning Web Components (LWC) & API

Super Badge - Apex Specialist
Super Badge - Process Automation Specialist
Super Badge - Developer Super Set

Certificate ID: SISFVIPAD2024-2353 | **Verify this certificate @** https://skillwallet.smartinternz.com/internships/salesforce_certificates/23af4b45f1e166141a790d1a3126e77a

Shri Buddha Chandrasekar
Chief Coordinating Officer(CCO), NEAT Cell-AICTE

Mr Amarender Katkam
Founder & CEO, SmartBridge & SmartInternz

CODTECH IT SOLUTIONS
CERTIFICATE
OF INTERNSHIP EXPERIENCE
This certificate is proudly presented to :
ARPITA PURKAIT
successfully completed the Internship Program at CODTECH IT SOLUTIONTS in SOFTWARE DEVELOPMENT
active participant from 5TH JUNE 2024 to 5TH AUGUST 2024 with unwavering dedication.
N. Santhosh Kumar
NEELA SANTHOSH KUMAR
HUMAN RESOURCES& ACADEMIC HEAD
VERIFIED BY
CODTECH IT SOLUTIONS PVT .LTD
ISO 9001

YHills
Learning Beyond Expectations
CERTIFICATE
OF INTERNSHIP COMPLETION
Proudly Presented To
Vikash Kumar
has successfully completed the Internship
from 02-May-2024 to 31-Jul-2024 in Embedded system at YHills.
CERTIFIED
Scan to verify
Aman Kumar
Founder & CEO
Pawan Kr. Rishu
Founder & COO

C.ID: cc3850f

CodSoft

CERTIFICATE

OF COMPLETION
PROUDLY PRESENTED TO

Sougoto Mukherjee

has successfully completed 4 weeks of a virtual internship program in
Java Programming
with wonderful remarks at **CODSOFT** from **10/06/2024 to 10/07/2024.**

We were truly amazed by his/her showcased skills and invaluable contributions to the tasks and projects throughout the internship.

Founder

contact@codsoft.in www.codsoft.in Date: 13/07/2024

INTERNSHALA TRAININGS

Skill India कौशल भारत-कुशल भारत | N·S·D·C RE-IMAGINE FUTURE

CERTIFICATE

This is to certify that

Ms./Mr. MD NESAR ANSARI

Son/Daughter of NAUSHAD ANSARI Student ID CAN_32168698

has successfully completed the VLSI DESIGN Course

with Grade B from SCHOLIVERSE EDUCARE PRIVATE LIMITED

Date of Issuance: 22nd July 2024

Issued by

Certificate ID: dob2s97tmx2ekavu

Sarvesh Madhu Agrawal
Founder & CEO
SCHOLIVERSE EDUCARE PRIVATE LIMITED

This is a System-generated Certificate. Assessment and Grading of the Candidate is provided/facilitated solely by the respective training provider based on its evaluation parameters.

क्रम सं. / SL.No.: 190/2024

तारीख / Date: 19/07/2024

भारतीय अंतरिक्ष विज्ञान एवं प्रौद्योगिकी संस्थान
Indian Institute of Space Science and Technology

वि.अ. आयोग अधिनियम 1956 की धारा 3 के अधीन मानित विश्वविद्यालय घोषित/Declared as Deemed to be University under section 3 of the UGC Act, 1956
अंतरिक्ष विभाग, भारत सरकार के तहत स्वायत्त संस्थान /An autonomous institute under Department of Space, Govt. of India
वलियमला, तिरुवनंतपुरम - 695547, केरल / Valiamala, Thiruvananthapuram 695547, Kerala

प्रशिक्षुता प्रमाणपत्र / INTERNSHIP CERTIFICATE

यह प्रमाणित किया जाता है कि सुश्री मौसिकि कला

ने अपना माइक्रोवेव वायरलेस पवर ट्रान्सफर

शीर्षक ग्रीष्मकालीन प्रशिक्षुता कार्यक्रम मई २०, २०२४ से जुलाई १९, २०२४ तक की अवधि के दौरान भारतीय अंतरिक्ष विज्ञान एवं प्रौद्योगिकी संस्थान के एवियोनिकी विभाग में डॉ. चिन्मय साहा के मार्गदर्शन में सफलतापूर्वक पूरा किया।

This is to certify that Miss. MAUSIKI KALA has successfully completed his/her summer internship programme titled Microwave Wireless Power Transfer under the guidance of Dr. Chinmoy Saha in the Department of Avionics, Indian Institute of Space Science and Technology, Thiruvananthapuram during the period May 20, 2024 - July 19, 2024

ज्ञानगुरु
Mentor

विभागाध्यक्ष
HoD

प्रो. राजु के. जॉर्ज
प्रोफ. राजु के. जॉर्ज / Prof. Raju K. George
डीन - छात्र गतिविधियां / छात्र कल्याण / बहिरंग कार्यक्रम
Dean SA, SW & Outreach

Serial no. 202414

Summer Internship Programme - 2024

CSIR-Central Glass & Ceramic Research Institute

196 Raja S C Mullick Road, Kolkata 700032

Certified that ***Ms. Meghna Bose****, B. Tech. student from* ***Heritage Institute of Technology*** *has successfully completed the above training programme from 10.06.2024 to 19.07.2024 on* ***"Design and fabrication of a prototype phase angle-trigger SCR-based power controller for temperature control"*** *in* ***Instrumentation and Information Technology Division*** *under the supervision of* ***Mr. Indranil Biswas.***

Ms. Meghna Bose

She was found to be a sincere and hardworking student during the training.
We wish her great success in her future endeavors.

Indranil Biswas
Mr. Indranil Biswas,
Sr. Tech. Officer (2)

Mukul Chandra Paul
Dr. M.C. Paul, Ch. Sct.
Head of the Department

K. Dana
Dr. Kausik Dana, Sr. Pr. Scientist
Human Resource Group

CERTIFICATE
OF COMPLETION
This certificate is proudly presented to:
Samit Bhattacharjee
has successfully completed an internship at Canverro from 10th June,2024 to 10th September,2024.
During this period, Ritam has demonstrated a high level of dedication, professionalism, and skill in performing assigned tasks and responsibilities.
Aditya Dhanraj
Co-founder and CEO
Aryan Singh
Co-founder and CTO

InternPe

INTERNSHIP COMPLETION CERTIFICATE

IPI#25394

To whomever it may concern

Dear SUROJ KUMAR MONDAL,

This is to certify that you worked as an Intern in our company from **03-June-2024 to 30-June-2024.**

Please find the internship details below:

Company Name: InternPe
Domain: Java Programming
Designation: Intern

During their working period, we found him/her to be a sincere and dedicated intern with a professional attitude and very good knowledge of the job.

We thank him/her for their efforts and contribution and wish him/her the best in future endeavors.

Yours Sincerely

(Co-Founder)
InternPe

पूर्व रेलवे / EASTERN RAILWAY

भे. सू. / GL 19

INTERNSHIP CERTIFICATE

Asansol Dated 05.07.2024

TO WHOM IT MAY CONCERN

Summer Internship training at Andal OFC/Exch. section and Asansol

REF: HITK/SUM TRG/INT/ECE-2025 BATCH

This is to certify that, Mr. Kshitij Roy of Heritage institute of Technology Kolkata of Electronic and communication stream has been imparted training in the Railway communication system from 15/06/2024 to 29/06/2024

In the following topics

1) Various Railway control communication with Headquarter and wayside station.

2) Equipment's of communication used at way side stations.

3) Media of communication (quad cable, jelly filled cable and optic fiber cable)

4) DSLAM working from exchange to last end subscriber with equipments

5) New coral IP exchange installation at Andal

6) Field demonstration in central El Andal for working of DLBI, control phone BPAC and cabin communication.

7) Asansol control working by SSE/Tele/CNL/ASN

8) Working of UTS PRS and FOIS link at ANDAL

He has taken keen interest during the training in the Railway Tele communication system and worked in the assembly of control communication with Head quarter equipment and way side equipment and physically tested.

Wishing him success in future assignments.

(Shiv Prakash Yadav)

Sr.Divl.Signal and Telecom Engineer,

Eastern Railway, Asansol Division

वरिष्ठ मंडल सिग. एंव दुरसंचार इंजी.
Sr. Divl. Signal & Telecom. Engineer
पू. रे. आसनसोल E/Rly. Asansol

Short Term Certified Summer Internship Training Programme

IC Design & Fabrication Centre
Department of Electronics & Tele-communication Engineering
JADAVPUR UNIVERSITY

Certified that Sri/Smt. **Subhayan Chatterjee** *from Heritage Institute of Technology, Kolkata, successfully completed the Short Term Certified Summer Internship Training Programme on* **"Microelectronics Technology and VLSI Design"** *organized by IC Design & Fabrication Centre, Electronics & Tele-communication Engineering Department, Jadavpur University, Kolkata – 700032 from* **26th June 2024 to 16th August 2024**. *He/she has secured* **'A'** *grade in this course.*

Sayan Chatterjee
Prof. Sayan Chatterjee
Co-ordinator
IC Design & Fabrication Centre
Electronics & Tele-communication Engg. Dept.
Jadavpur University, Kolkata – 700032

Prof. Manotosh Biswas
Head, Department of Electronics &
Tele-communication Engineering
Jadavpur University
Kolkata – 700032

C.ID: b5a8a12

CodSoft

CERTIFICATE

OF COMPLETION
PROUDLY PRESENTED TO

Adarsh kumar

has successfully completed 4 weeks of a virtual internship program in
Web Development
with wonderful remarks at **CODSOFT** from **01/07/2024 to 31/07/2024.**
We were truly amazed by his/her showcased skills and invaluable contributions to the tasks and projects throughout the internship.

Founder

contact@codsoft.in www.codsoft.in Date: **03/08/2024**

Serial no. 202413

Summer Internship Programme - 2024

CSIR-Central Glass & Ceramic Research Institute

196 Raja S.C. Mallick Road, Kolkata 700032

Certified that ***Ms. Sanyaee Das,*** *B. Tech. student from* ***Heritage Institute of Technology*** *has successfully completed the above training programme from 10.06.2024 to 19.07.2024 on* ***"Design and fabrication of a prototype programmable PID-based temperature control system"*** *in* ***Instrumentation and Information Technology Division*** *under the supervision of* ***Mr. Indranil Biswas.***

Ms. Sanyaee Das

She was found to be a sincere and hardworking student during the training.
We wish her great success in her future endeavors.

Mr. Indranil Biswas,
Sr. Tech. Officer (2)

Dr. M. C. Paul, Ch. Sci.
Head of the Department

Dr. Kausik Dana, Sr. Pr. Scientist
Human Resource Group

एनटीपीसी NTPC

फरक्का Farakka

Regional Learning Institute

NTPC Farakka , West Bengal

Certificate

Date: 18.07.2024

This is to certify that Sh. Sagnik Ray S/o Sh. Subhasis Ray has successfully completed Internship Training at Regional Learning Institute, NTPC Limited, Farakka ,West Bengal from 19.06.2024 to 17.07.2024
We wish him every success in life.

Sr. Asst. Engineer
(RLI)

NTPC RLI FARAKKA

Head RLI

Industrial Internship Certificate

ARDENT COMPUTECH PVT. LTD.
High-End Technology Training and Project
N·E·A·T
National Educational Alliance for Technology

Ardent Verified

This certificate is awarded to

SAYANDEEP MALLICK

of

HERITAGE INSTITUTE OF TECHNOLOGY, KOLKATA

for successfully completing the **Industrial Internship** on

FULL STACK DEVELOPMENT USING SPRING CORE SPRING BOOT HIBERNATE

from

06-06-2024 to 06-07-2024

and implementing the project titled

ONLINE FOOD ORDERING SYSTEM

Certificate ID: ARDENT/110828
Issue Date: 06-07-2024

Microsoft Technology Associate

Director Technology Services

Director Operations

Industrial Internship Certificate

ARDENT COMPUTECH PVT. LTD.
High-End Technology Training and Project
N·E·A·T
National Educational Alliance for Technology

Ardent Verified

This certificate is awarded to

SAYAN BHATTACHARYA

of

HERITAGE INSTITUTE OF TECHNOLOGY, KOLKATA

for successfully completing the **Industrial Internship** on

FULL STACK DEVELOPMENT USING SPRING CORE SPRING BOOT HIBERNATE

from

06-06-2024 to 06-07-2024

and implementing the project titled

ONLINE FOOD ORDERING SYSTEM

Certificate ID: ARDENT/110822
Issue Date: 06-07-2024

Microsoft Technology Associate

Director Technology Services

Director Operations

SL NO - CHNM/24-25/015

MSME TOOL ROOM - KOLKATA

Central Tool Room & Training Centre
UNDER MINISTRY OF MSME, GOVT. OF INDIA

This is to certify that

Mr./Ms. **NIRMAL BARMAN**

Son/Daughter of **NALINI BARMAN**

has successfully completed the course

COMPUTER HARDWARE NETWORKING & MAINTENANCE

The course comprises the following subjects

1. COMPUTER FUNDAMENTALS	2. COMPUTER HARDWARE & I/O DEVICES
3. ASSEMBLING COMPUTER	4. BIOS SET-UP
5. LOADING OPERATING SYSTEMS	6. NETWORKING (TOPOLOGY, OSI MODEL/ IP ADDRESSING)
7. CONFIGURING LAN	8. WIN-SERVER 2003/ 2008 CONFIGURATION (DNS,ADDS, DHCP)

Period of Course : From 10/07/2024 to 09/08/2024

Date of Award : 09/08/2024

COURSE CO-ORDINATOR

HEAD OF THE TRAINING DEPARTMENT

Short Term Certified Summer Internship Training Programme

IC Design & Fabrication Centre
Department of Electronics & Tele-communication Engineering
JADAVPUR UNIVERSITY

Certified that Sri/Smt. **Shyamali Mandi** *from Heritage Institute of Techynology, Kolkata, successfully completed the Short Term Certified Summer Internship Training Programme on* **"Microelectronics Technology and VLSI Design"** *organized by IC Design & Fabrication Centre, Electronics & Tele-communication Engineering Department, Jadavpur University, Kolkata – 700032 from* **26th June 2024 to 16th August 2024**. *He/she has secured* **'A'** *grade in this course.*

Sayan Chatterjee

Prof. Sayan Chatterjee
Co-ordinator
IC Design & Fabrication Centre
Electronics & Tele-communication Engg. Dept.
Jadavpur University, Kolkata – 700032

Prof. Manotosh Biswas
Head, Department of Electronics &
Tele-communication Engineering
Jadavpur University
Kolkata – 700032

(Gradation : A+=90-100%, A=80-90%, B+=70-80%, B=60-70% & C=50-60%)

In Partnership With

Smart Internz

CERTIFICATE OF COMPLETION

July 02, 2024

Sanjana Kaity

Salesforce Developer Virtual Internship

During the 8 Weeks period of Virtual Internship (**May-June 2024**), Sanjana Kaity has completed the following Salesforce Trailhead modules

Salesforce Fundamentals
Organizational Setup
Relationship & Process Automation
Types Of Flows & Security
Apex, Testing & Debugging
VS Code Setup & CLI Setup
Lightning Web Components (LWC) & API

Super Badge - Apex Specialist
Super Badge - Process Automation Specialist
Super Badge - Developer Super Set

Certificate ID: SISFVIPAD2024-2352 | **Verify this certificate** @ https://skillwallet.smartinternz.com/internships/salesforce_certificates/92049debbe566ca5782a3045cf300a3c

Shri Buddha Chandrasekar
Chief Coordinating Officer(CCO), NEAT Cell-AICTE

Mr Amarender Katkam
Founder & CEO, SmartBridge & SmartInternz

Industrial Training Certificate

ARDENT COMPUTECH PVT. LTD.
High-End Technology Training and Project

Ardent Verified

This certificate is awarded to

SOMALI RANA

of

HERITAGE INSTITUTE OF TECHNOLOGY, KOLKATA

for successfully completing the **Industrial Training** on

CLOUD BASED FULL STACK DEVELOPMENT WITH AI & ML INTEGRATION USING MERN

from

04-06-2024 to 04-07-2024

and implementing the project titled

JOB APPLICATION PORTAL

Certificate ID: ARDENT/109835
Issue Date: 04-07-2024

Microsoft Technology Associate

AUTODESK

Director Technology Services

Director Operations

No : RKYPGNB646-2024-2772007

BHARAT SANCHAR NIGAM LIMITED

(A Government of India Enterprise)

Netaji Subhash Chandra Bose Telecom Training Centre

(A Zonal Telecom Training Centre of BSNL)

CERTIFICATE

This is to Certify that

SWAPNALI JANA

has successfully completed **4** *weeks* ***Internship*** *on* ***Advanced Telecom Technology*** *from* **03.06.2024** *to* **28.06.2024** *conducted by* ***NSCBTTC, Kalyani*** .

We wish him/her all the best for a bright future.

(Principal)

Date : 28.06.2024

प्रसार भारती (भारत का लोक सेवा प्रसारक)

PRASAR BHARATI (INDIA'S PUBLIC SERVICE BROADCASTER)

दूरदर्शन केन्द्र, 18/3, उदय शंकर सरणी, कोलकाता - 700095

DOORDARSHAN KENDRA, 18/3, UDAY SHANKAR SARANI, KOLKATA - 700095

C/No. : August/2024/2-14

श्री/श्रीमती/कुमारी .....श्रीजीत मन्डल.....

को विद्यार्थी को दिनांक .....05.08.2024..... से दिनांक .....18.08.2024..... तक दूरदर्शन केन्द्र, कोलकाता द्वारा प्रायोजित टेलीविजन इंजीनियरिंग के आधारभूत प्रशिक्षण कार्यक्रम कों सफलतापूर्वक पूर्ण कर लेने पर यह प्रमाण-पत्र प्रदान किया जाता है।

This certificate is awarded to Shri/Smt/Kumari ..... *Sreejit Mandal*

a student of ..... *Heritage Institute of Technology* ..... *for having*

successfully completed Vocational Training on Basic Television Engineering from 05.08.2024

to .....18.08.2024..... *at Doordarshan Kendra, Kolkata.*

दिनांक .....16.08.2024.....
Date

उप- महानिदेशक (अभि.)
Deputy Director General (Engg)

Industrial Training Certificate

ARDENT COMPUTECH PVT. LTD.
High-End Technology Training and Project

Ardent Verified

This certificate is awarded to

DEBAPRIYO MOHANTA

of

HERITAGE INSTITUTE OF TECHNOLOGY

for successfully completing the **Industrial Training** on

FULL STACK WEB DEVELOPMENT USING PHP AND MYSQL

from

07-06-2024 to 07-07-2024

and implementing the project titled

E-COMMERCE WEBSITE

Certificate ID: ARDENT/111007
Issue Date: 07-07-2024

Microsoft Technology Associate | AUTODESK | ASD | UDYOG AADHAR MSME | ISO

Director Technology Services

Director Operations

Industrial Internship Certificate

ARDENT COMPUTECH PVT. LTD.
High-End Technology Training and Project

N·E·A·T

Ardent Verified

This certificate is awarded to

KARUNA NIDHI YADAV

of

HERITAGE INSTITUTE OF TECHNOLOGY

for successfully completing the **Industrial Internship** on

FULL STACK WEB DEVELOPMENT USING PHP AND MYSQL

from

07-06-2024 to 07-07-2024

and implementing the project titled

E-COMMERCE WEBSITE

Certificate ID: ARDENT/110786
Issue Date: 07-07-2024

Microsoft Technology Associate | ASD | UDYOG AADHAR MSME | ISO

Director Technology Services

Director Operations

Industrial Internship Certificate

ARDENT COMPUTECH PVT. LTD.
High End Technology Training and Project

N·E·A·T

Ardent Verified

This certificate is awarded to

SUMAN MAKUR

of

HERITAGE INSTITUTE OF TECHNOLOGY

for successfully completing the **Industrial Internship** on

FULL STACK WEB DEVELOPMENT USING PHP AND MYSQL

from

07-06-2024 to 07-07-2024

and implementing the project titled

E-COMMERCE WEBSITE

Certificate ID: ARDENT/110785
Issue Date: 07-07-2024

Microsoft Technology Associate

MSME

Director
Technology Services

Director
Operations

इलेक्ट्रॉनिक्स एवं वैद्युत संचार अभियांत्रिकी विभाग
भारतीय प्रौद्योगिकी संस्थान खड़गपुर
खड़गपुर - ७२१३०२, भारत
Dept. of Electronics & Electrical Communication Engineering
Indian Institute of Technology Kharagpur
Kharagpur-721 302, India

Date: **25th June, 2024**
Place: **Kharagpur, India**

Internship Certificate

This is to certify that Mr Shubhayu Bhattacharya from Heritage Institute of Technology has successfully completed his one month summer internship at Indian Institute of Technology Kharagpur in the field of Semiconductor devices modelling from 21st may to 21st June under the supervision of **Dr Vivek Dixit - Associate Professor, Electrical Electronics and Communication Engineering Department**.

During this period he was exposed to Terahertz Schottky diode modelling and tools like silvaco and ADS and found he is diligent hardworking and inquisitive.

Wish him great success in career ahead.

Dr. Vivek Dixit
Associate Professor
Dept. of Electronics & Electrical Communication Engg.,
Indian Institute of Technology Kharagpur,
West Bengal-721302, India
Email: vdixit@ece.iitkgp.ac.in
Phone(Official): +91-3222-283532(office)

BSNL

No : RKVPGNB646-2014-27T2001

BHARAT SANCHAR NIGAM LIMITED

(A Government of India Enterprise)

Netaji Subhash Chandra Bose Telecom Training Centre

(A Zonal Telecom Training Centre of BSNL)

CERTIFICATE

This is to Certify that

ARNAB TUNGA

has successfully completed 4 weeks Internship on Advanced Telecom Technology from 03.06.2024 to 28.06.2024 conducted by NSCBTTC, Kalyani .

We wish him/her all the best for a bright future.

(Principal)

Date : 28.06.2024

Short Term Certified Summer Internship Training Programme

IC Design & Fabrication Centre
Department of Electronics & Tele-communication Engineering
JADAVPUR UNIVERSITY

Certified that Sri/Smt **Subhayan Chatterjee** *from Heritage Institute of Technology, Kolkata, successfully completed the Short Term Certified Summer Internship Training Programme on* **"Microelectronics Technology and VLSI Design"** *organized by IC Design & Fabrication Centre, Electronics & Tele-communication Engineering Department, Jadavpur University, Kolkata – 700032 from* **26th June 2024 to 16th August 2024**. *He/she has secured* **'A'** *grade in this course.*

Prof. Sayan Chatterjee
Co-ordinator
IC Design & Fabrication Centre
Electronics & Tele-communication Engg. Dept.
Jadavpur University, Kolkata – 700032

Prof. Manotosh Biswas
Head, Department of Electronics &
Tele-communication Engineering
Jadavpur University
Kolkata – 700032

EDUDIGM
An IIT Kharagpur Alumni Initiative

CERTIFICATE

OF INTERNSHIP

1 JUNE 2024 - 1 JULY 2024

THIS CERTIFICATE IS AWARDED TO

ABHIJEET KUMAR

for **Successful Completion** of the **1** month **internship** as **Design of Combinational Circuits using Ternary Logic Applic. at EDUDIGM**, under the guidance of **Aryan, Product Manager**.

His work has been **exemplary** and we wish him the best for future endeavors.

Subhomoy Bakshi
COO, Head of Academics

Rajiv Agarwal
CEO of EDUDIGM

Industrial Internship Certificate

ARDENT COMPUTECH PVT. LTD.
High End Technology Training and Project

N·E·A·T

Ardent Verified

This certificate is awarded to

SASWATA MAITRA

of

HERITAGE INSTITUTE OF TECHNOLODY, KOLKATA

for successfully completing the **Industrial Internship** on

CLOUD BASED FULL STACK DEVELOPMENT WITH AI & ML INTEGRATION USING MERN

from

04-06-2024 to 04-07-2024

and implementing the project titled

VIDEO CONFERENCING APP

Certificate ID: ARDENT/103523
Issue Date: 04-07-2024

Microsoft Technology Associate

MSME

Director
Technology Services

Director
Operations

CERTIFICATE OF COMPLETION

July 02, 2024

Amarsa Banerjee

Salesforce Developer Virtual Internship

During the 8 Weeks period of Virtual Internship (May-June 2024), Amarsa Banerjee has completed the following Salesforce Trailhead modules

Salesforce Fundamentals
Organizational Setup
Relationship & Process Automation
Types Of Flows & Security
Apex, Testing & Debugging
VS Code Setup & CLI Setup
Lightning Web Components (LWC) & API

Super Badge – Apex Specialist
Super Badge – Process Automation Specialist
Super Badge – Developer Super Set

Certificate ID: SISFVIPAD2024-2348 | Verify this certificate @ https://skillwallet.smartinternz.com/internships/salesforce_certificates/20c8f67d0da10882b0df80ce6df2b63

Shri Buddha Chandrasekar
Chief Coordinating Officer(CCO)
NEAT Cell-AICTE

Mr Amarender Katkam
Founder & CEO, SmartBridge & SmartInternz

INTERNSHALA TRAININGS

Certificate of Training

Amit Kumar Thakur

from Heritage Institute of Technology has successfully completed an 8-week online training on **Web Development**. The training consisted of HTML, CSS, Bootstrap, DBMS, PHP, JS, React, Final Project, and AI in Web Development modules.

Amit scored 100% marks in the final assessment and is a top performer in the training.

We wish Amit all the best for future endeavours.

Sarvesh Agrawal
FOUNDER & CEO, INTERNSHALA

Date of certification: 2024-07-02 Certificate no. : 8s26mslwun8

For certificate authentication, please visit https://trainings.internshala.com/verify_certificate

इलेक्ट्रॉनिक्स एवं वैद्युत संचार अभियांत्रिकी विभाग
भारतीय प्रौद्योगिकी संस्थान खड़गपुर
खड़गपुर - ७२१३०२, भारत
Dept. of Electronics & Electrical Communication Engineering
Indian Institute of Technology Kharagpur
Kharagpur-721 302, India

Date: **25th June, 2024**
Place: **Kharagpur, India**

Internship Certificate

This is to certify that Mr Anabil Roy from Heritage Institute of Technology has successfully completed his one month internship at Indian Institute of Technology,Kharagpur in the field of Semiconductor devices modelling from 21st may to 21st June under the supervision of **Dr Vivek Dixit - Associate Professor, Electrical Electronics and Communication Engineering Department**.

During this period he was exposed to Terahertz Schottky diode modelling and tools like silvaco and ADS and found he is diligent,hardworking and inquisitive .
Wish him great success in career ahead.

सह - प्राध्यापक / Associate Professor
इलेक्ट्रॉनिक्स एवं विद्युत संचार अभियांत्रिकी विभाग
Department of Electronics & Electrical Communication Engineering
भा. प्रौ. सं. खड़गपुर / IIT Kharagpur

Dr. Vivek Dixit
Associate Professor
Dept. of Electronics & Electrical Communication Engg.,
Indian Institute of Technology Kharagpur,
West Bengal-721302, India
Email: vdixit@ece.iitkgp.ac.in
Phone(Official): +91-3222-283532(office)

FOX
INTERNSHIP
CERTIFICATION
This is to certify that
Aniket Sarkar
has successfully completed internship program in Machine Learning with Python
from 01st Apr, 2024 to 30th Jun, 2024. During the internship, the student
was found to be dedicated, hardworking and diligent.
ACADEMIC HEAD
Coincent
DIRECTOR SIGNATURE

C.ID: 68a2633
CodSoft
CERTIFICATE
OF COMPLETION
PROUDLY PRESENTED TO
ANIKET JHA
has successfully completed 4 weeks of a virtual internship program in
Web Development
with wonderful remarks at CODSOFT from 01/07/2024 to 31/07/2024.
We were truly amazed by his/her showcased skills and invaluable contributions to
the tasks and projects throughout the internship.
Founder
CERTIFIED
ISO
9001:2015
COMPANY
MSME
contact@codsoft.in
www.codsoft.in
Date: 03/08/2024

CERTIFICATE

ISO 9001 2015 CERTIFIED

Corporate Identity Number : U62013OD2023PTC044081

TECH OCTANET

TECH

OCTANET SERVICES PVT LTD.

This is to certify that

Ankush Kumar

Web Development Internship

Duration: 1 Month (1st June 2024 - 1st July 2024)

During the internship period, He/She has demonstrated exceptional dedication, enthusiasm and a strong willingness to learn. They actively engaged in various projects and tasks assigned to them, exhibiting remarkable skills and a high level of professionalism.

Verified By :

Anjali Pratap

Director & CEO

TECHOCTANET SERVICES PVT LTD.

07-2024-73347

#startupindia ISO 9001 Certified IAF

C.ID: a127ef4

CodSoft

CERTIFICATE

OF COMPLETION

PROUDLY PRESENTED TO

Anup kumar

has successfully completed 4 weeks of a virtual internship program in

Web Development

with wonderful remarks at **CODSOFT** from 25/05/2024 to 25/06/2024.

We were truly amazed by his/her showcased skills and invaluable contributions to the tasks and projects throughout the internship.

Founder

CERTIFIED ISO 9001:2015 COMPANY

contact@codsoft.in www.codsoft.in Date: 28/06/2024

NAHAR OM
FAMILY OFFICE

Certificate of Appreciation

This is to certify that Mr. Anurag Das has been working with us as Full time Full Stack Engineer From 22nd June 2024. He has taken leadership of our Frontend Project also. We appreciate his efforts and contribution.

Pranav Nahar
Founder

Poonam Kaushal
Co-founder & Chief HR Officer

Ardent Computech Pvt. Ltd.
Drives you to the Industry
Module 132, SDF Building, Sector V, Salt Lake, Pin - 700091
www.ardentcollaborations.com

Ref: ARDENT/102500 **Date:** 12-05-2024

Subject: INTERNSHIP / INDUSTRIAL TRAINING / COURSE CONFIRMATION LETTER

Dear ARJAITA ADITYA

Your application for the INDUSTRIAL INTERNSHIP is accepted. The details are below:

COLLEGE/UNIVERSITY: HERITAGE INSTITUTE OF TECHNOLOGY

TECHNOLOGY DOMAIN: VLSI-BASED IC DESIGN

INTERNSHIP START MONTH AND DATE: JUNE, 2024

DURATION: 4 TO 6 WEEKS

This is a project based program. You will have to develop a project, prepare project report and project presentation.

📌 **INTERNSHIP MILESTONES: TRAINING ON THE TOPIC/TECHNOLOGY → PROJECT ALLOCATION → PROJECT IMPLEMENTATION → PROJECT REPORT PREPARATION /PPT PREPARATION → ASSESSMENT → CERTIFICATE DISBURSAL.**

Wish you a progressive learning journey with us.

Thanking you,

Best Wishes,

Indranil De Sarkar
Director - HR
Ardent Computech Pvt. Ltd.

Industrial Internship Certificate

ARDENT COMPUTECH PVT. LTD.
High-End Technology Training and Project
N·E·A·T

Ardent Verified

This certificate is awarded to

SANSKRITI SINGH

of

HERITAGE INSTITUTE OF TECHNOLOGY, KOLKATA

for successfully completing the **Industrial Internship** on

VLSI BASED IC DESIGN

from

06-06-2024 to 06-07-2024

and implementing the project titled

FULL ADDER IMPLEMENTATION AND LAYOUT USING CMOS

Certificate ID: ARDENT/110864
Issue Date: 06-07-2024

Microsoft Technology Associate

MSME

Director
Technology Services

Director
Operations

Industrial Training Certificate

ARDENT COMPUTECH PVT. LTD.
High-End Technology Training and Project

Ardent Verified

This certificate is awarded to

SHIBPRATIM DUTTA

of

HERITAGE INSTITUTE OF TECHNOLOGY, KOLKATA

for successfully completing the **Industrial Training** on

CLOUD BASED FULL STACK DEVELOPMENT WITH AI & ML INTEGRATION USING MERN

from

04-06-2024 to 04-07-2024

and implementing the project titled

SOCIAL MEDIA APP

Certificate ID: ARDENT/109863
Issue Date: 04-07-2024

Microsoft Technology Associate

AUTODESK

MSME

Director
Technology Services

Director
Operations

Ardent Computech Pvt. Ltd.
Drives you to the Industry
Module 132, SDF Building, Sector V, Salt Lake, Pin - 700091
www.ardentcollaborations.com

Ref: ARDENT/105515 **Date:** 14-06-2024

Subject: INTERNSHIP / INDUSTRIAL TRAINING / COURSE CONFIRMATION LETTER

Dear AYUSH SINGH

Your application for the INDUSTRIAL INTERNSHIP is accepted. The details are below:

COLLEGE/UNIVERSITY: HERITAGE INSTITUTE OF TECHNOLOGY

TECHNOLOGY DOMAIN: CLOUD-BASED FULL STACK DEVELOPMENT WITH AI & ML INTEGRATION USING MERN

INTERNSHIP START MONTH AND DATE: JUNE, 2024

DURATION: 4 TO 6 WEEKS

This is a project based program. You will have to develop a project, prepare project report and project presentation.

📌 **INTERNSHIP MILESTONES: TRAINING ON THE TOPIC/TECHNOLOGY → PROJECT ALLOCATION → PROJECT IMPLEMENTATION → PROJECT REPORT PREPARATION /PPT PREPARATION → ASSESSMENT → CERTIFICATE DISBURSAL.**

Wish you a progressive learning journey with us.

Thanking you,

Best Wishes,

Indranil De Sarkar
Director - HR
Ardent Computech Pvt. Ltd.

Industrial Training Certificate

ARDENT COMPUTECH PVT. LTD.
High-End Technology Training and Project

Ardent Verified

This certificate is awarded to

KAUSTAV CHAKRABORTY

of

HERITAGE INSTITUTE OF TECHNOLOGY, KOLKATA

for successfully completing the **Industrial Training** on

CLOUD BASED FULL STACK DEVELOPMENT WITH AI & ML INTEGRATION USING MERN

from

04-06-2024 to 04-07-2024

and implementing the project titled

JOB APPLICATION PORTAL

Certificate ID: ARDENT/109832
Issue Date: 04-07-2024

Microsoft Technology Associate

AUTODESK

MSME

ISO

Director
Technology Services

Director
Operations

Industrial Training Certificate

ARDENT COMPUTECH PVT. LTD.
High-End Technology Training and Project

Ardent Verified

This certificate is awarded to

ANIRBAN CHAKRABORTY

of

HERITAGE INSTITUTE OF TECHNOLOGY, KOLKATA

for successfully completing the **Industrial Training** on

FULL STACK DEVELOPMENT USING SPRING CORE SPRING BOOT HIBERNATE

from

06-06-2024 to 06-07-2024

and implementing the project titled

E - LIBRARY

Certificate ID: ARDENT/110832
Issue Date: 06-07-2024

Microsoft Technology Associate

AUTODESK

MSME

ISO

Director
Technology Services

Director
Operations

हिन्दुस्तान एरोनॉटिक्स लिमिटेड
परिवहन वायुयान प्रभाग
डाक घर-बकेरी
कानपुर-208008 (उ0प्र0)

HINDUSTAN AERONAUTICS LTD.
TRANSPORT AIRCRAFT DIVISION
P.O. Chakeri
Kanpur 208008 (U.P.)

ग्रीष्म/शीत कालीन प्रशिक्षण प्रमाण-पत्र

CERTIFICATE : SUMMER / WINTER VACATION TRAINING

यह प्रमाणित किया जाता है कि श्री / कुमारी .....

जो [illegible]

के .....

शाखा के छात्र है, ने ..... माह ..... दिनों की अवधि के लिए

इस स्थापना में परिचयात्मक / प्रयोगात्मक प्रशिक्षण किया।

This is to certify that Shri/Km. Arghyadeep Ghatak

a student of B Tech (ECE)

of Heritage Institute of Technology, Kolkata

has undergone familiarisation Training Programme for a period of ..... months

.....days, at this establishment, from 24/06/24 *to* 23/07/24

उन्हें निम्नलिखित विभागों में प्रशिक्षण हेतु अवसर दिया गया।

He/She has been rotated in the following Departments:

1. Study of deep learning to automatically find out the crack on aircraft structure

परिचयात्मक / अभ्यासात्मक कार्यक्रम में उनकी स्थिति .....

.....पायी गयी।

His / Her performance during the familiarisation programme was found Good

दिनांक / Date : 24/07/2024

स्थान : कानपुर / Place : Kanpur

मुख्य/वरिष्ठ प्रबंधक (प्रशिक्षण) / Chief/Senior Manager (Training)

ANMOL SAMAD

CHIEF MANAGER (TRAINING)

CERTIFICATE OF COMPLETION

CONGRATULATIONS!

You have successfully completed an Autodesk® Authorized Training Center® course specifically designed to satisfy your training requirements. Authorized Training Center instructors deliver quality-learning experiences with courses related to Autodesk products utilizing relevant content and comprehensive courseware. Autodesk's vision is to help people imagine, design, and create a better world.

NIRPAN GOLDER		
NAME		
PCB DESIGNING USING EAGLE	AUTODESK EAGLE 2024	
COURSE TITLE	PRODUCT	
SAMRAT BHOWMICK	31-JULY-2024	33-40 HOURS
INSTRUCTOR	COURSE DATE	COURSE DURATION
WEBFLEX CONSULTANCY SERVICE PRIVATE LIMITED - JALPAIGURI		
AUTODESK AUTHORIZED TRAINING CENTER		

Certificate No. AP12028096594084895160

AUTODESK.
Authorized Training Center

C.ID: 246330e

CodSoft

CERTIFICATE

OF COMPLETION
PROUDLY PRESENTED TO

BIKASH KUMAR YADAV

has successfully completed 4 weeks of a virtual internship program in
C++ Programming
with wonderful remarks at **CODSOFT** from 05/06/2024 to 05/07/2024.
We were truly amazed by his/her showcased skills and invaluable contributions to the tasks and projects throughout the internship.

Founder

contact@codsoft.in www.codsoft.in Date: 08/07/2024

Government of India
Ministry of Electronics & Information Technology

Electronics Regional Test Laboratory (East)

DN - 63, Sector - V, Salt Lake City, Kolkata -700 091

Certificate No. : STQC/ERTL (KOL)/TRG-P/VOC.TRG/2024/003

This is to certify that ***Ms. Neha Nayak****, B.Tech. 3rd Year student of Electronics & Communication Engineering,* ***Heritage Institute of Technology, Kolkata*** *has undergone vocational internship at ERTL (East), Kolkata from* ***10th June, 2024 to 05th July, 2024.***

*During the period, she has completed a project on "****Artificial Intelligence and Cyber Security****".*

We wish her all success in life.

Training Coordinator

STQC

Director

CIN: PIT/JUN24/11070

CERTIFICATE

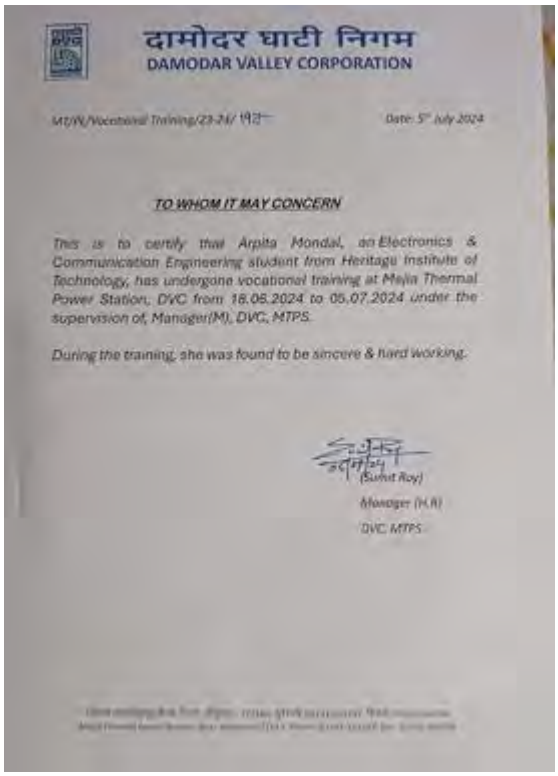
OF COMPLETION

16/07/2024

THIS CERTIFICATE IS PROUDLY PRESENTED TO

Rahul Kumar

for successfully completing a **1-month** internship from **15th June, 2024** to **15th July, 2024** in **Software Development** with outstanding remarks at Prodigy InfoTech.



दामोदर घाटी निगम
DAMODAR VALLEY CORPORATION

M(P)/Vocational Training/23-24/ 192 Date: 5th July 2024

TO WHOM IT MAY CONCERN

This is to certify that Arpita Mondal, an Electronics & Communication Engineering student from Heritage Institute of Technology, has undergone vocational training at Mejia Thermal Power Station, DVC from 16.06.2024 to 05.07.2024 under the supervision of, Manager(M), DVC, MTPS.

During the training, she was found to be sincere & hard working.

(Sumit Roy)
Manager (H.R)
DVC, MTPS

CERTIFICATE

ISO 9001 2015 CERTIFIED

Corporate Identity Number : U62013OD2023PTC044081

TECH OCTANET

TECH

OCTANET SERVICES PVT LTD.

This is to certify that

Ankush Kumar

Web Development Internship

Duration: 1 Month (1st June 2024 - 1st July 2024)

During the internship period, He/She has demonstrated exceptional dedication, enthusiasm and a strong willingness to learn. They actively engaged in various projects and tasks assigned to them, exhibiting remarkable skills and a high level of professionalism.

Verified By :

Director & CEO
TECHOCTANET SERVICES PVT LTD

07-2024-73347

MINISTRY OF CORPORATE AFFAIRS | MSME | #startupindia | ISO 9001 Certified | IAF

Industrial Internship Certificate

ARDENT COMPUTECH PVT LTD.
High End Technology Training and Project
N-E-A-T

Ardent Verified

This certificate is awarded to

SOHAM MONDAL

of

HERITAGE INSTITUTE OF TECHNOLODY, KOLKATA

for successfully completing the **Industrial Internship** on

CLOUD BASED FULL STACK DEVELOPMENT WITH AI & ML INTEGRATION USING MERN

from

04-06-2024 to 04-07-2024

and implementing the project titled

VIDEO CONFERENCING APP

Certificate ID: ARDENT/109506
Issue Date: 04-07-2024

Microsoft Technology Associate

MSME

Director
Technology Services

Director
Operations

CERTIFICATE

ISO 9001:2015 CERTIFIED

Corporate Identity Number : U62013OD2023PTC044081

TECH OCTANET

TECH

OCTANET SERVICES PVT LTD.

This is to certify that

Mayank Sinha

Web Development Internship

Duration: 1 Month (1st July 2024 - 1st August 2024)

During the internship period, He/She has demonstrated exceptional dedication, enthusiasm and a strong willingness to learn. They actively engaged in various projects and tasks assigned to them, exhibiting remarkable skills and a high level of professionalism.

Verified By :

Director & CEO
TECHOCTANET SERVICES PVT LTD

08-2024-32921

MINISTRY OF CORPORATE AFFAIRS | MSME | #startupindia | ISO 9001 Certified | IAF

ZIDIO DEVELOPMENT

Certificate

OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

Mousumi Sinha

This certificate proudly recognizes for successfully completing the **Web Development** internship program at **Zidio Development** from **20-06-2024** to **20-07-2024**, Your efforts have left a lasting impact, and we commend your commitment to excellence and professional growth.

30/07/2024	*zidio/01123*	
DATE	CERTIFICATE ID	HEAD OF ZIDIO

ZIDIO DEVELOPMENT

For More Info Mail Us at: support@zidio.in

CERTIFIED ISO 9001:2015 COMPANY

C.ID: 0e2255b

CodSoft

CERTIFICATE

OF COMPLETION
PROUDLY PRESENTED TO

Ashwini Abhishek

has successfully completed 4 weeks of a virtual internship program in
Java Programming
with wonderful remarks at **CODSOFT** from 01/08/2024 to 31/08/2024.
We were truly amazed by his/her showcased skills and invaluable contributions to the tasks and projects throughout the internship.

ment

Founder

CERTIFIED ISO 9001:2015 COMPANY

MSME

contact@codsoft.in www.codsoft.in Date: 03/09/2024

Industrial Internship Certificate

ARDENT COMPUTECH PVT. LTD.
High-End Technology Training and Project

N·E·A·T

Ardent Verified

This certificate is awarded to

SUHANI SRIVASTAVA

of

HERITAGE INSTITUTE OF TECHNOLOGY, KOLKATA

for successfully completing the **Industrial Internship** on

VLSI BASED IC DESIGN

from

06-06-2024 to 06-07-2024

and implementing the project titled

BINARY TO EXCESS 3

Certificate ID: ARDENT/110870
Issue Date: 06-07-2024

Microsoft Technology Associate

MSME

Director Technology Services

Director Operations

CIN: PITJUN24I13535
CERTIFICATE
OF COMPLETION
22/07/2024
THIS CERTIFICATE IS PROUDLY PRESENTED TO
Ritam Shankar
for successfully completing a 1-month internship from 15th June, 2024 to 15th July, 2024 in Web Development with outstanding remarks at Prodigy InfoTech.
contact@prodigyinfotech.dev
prodigyinfotech.dev

CODTECH IT SOLUTIONS
8-7-7/2, Plot No: 51,Opp:Naveena School, Hasthinapuram Central, Hyderabad , 500 079., Telangana
+91 9848925128
hr@codtechitsolutions.com
www.codtechitsolutions.com
CERTIFICATE
OF INTERNSHIP EXPERIENCE
This certificate is proudly presented to : CT12DS506
ADITYA YADAV
successfully completed the Internship Program at CODTECH IT SOLUTIONTS in SOFTWARE DEVELOPMENT active participant from 5TH JUNE 2024 to 5TH AUGUST 2024 with unwavering dedication.
N. Santhosh Kumar
NEELA SANTHOSH KUMAR
HUMAN RESOURCES& ACADEMIC HEAD
VERIFIED BY
CODTECH IT SOLUTIONS PVT .LTD
ISO 9001
AICTE

ZIDIO DEVELOPMENT

Certificate

OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

Mousumi Sinha

This certificate proudly recognizes for successfully completing the **Web Development** internship program at **Zidio Development** from **20-06-2024** to **20-07-2024**, Your efforts have left a lasting impact, and we commend your commitment to excellence and professional growth.

30/07/2024	*zidio/01123*	
DATE	CERTIFICATE ID	HEAD OF ZIDIO

ZIDIO DEVELOPMENT

For More Info Mail Us at: support@zidio.in

+91 8455897365 www.zidio.in BENGALURU, KARNATAKA

CERTIFIED ISO 9001:2015 COMPANY

C.ID: b2dbb2b

CodSoft

CERTIFICATE

OF COMPLETION
PROUDLY PRESENTED TO

Amisha Kumari

has successfully completed 4 weeks of a virtual internship program in
Web Development
with wonderful remarks at **CODSOFT** from 25/05/2024 to 25/06/2024.
We were truly amazed by his/her showcased skills and invaluable contributions to the tasks and projects throughout the internship.

Founder

contact@codsoft.in www.codsoft.in Date: 28/06/2024

एनटीपीसी NTPC

फरक्का Farakka

Regional Learning Institute

NTPC Farakka , West Bengal

Certificate *Date: 18.07.2024*

This is to certify that Ms. Taniya Banerjee D/o Sh. Saibal Banerjee has successfully completed Internship Training at Regional Learning Institute, NTPC Limited, Farakka , West Bengal from 19.06.2024 to 17.07.2024
We wish her every success in life.

Sr. Asst. Engineer
(RLI)

Head RLI

Industrial Internship Certificate

ARDENT COMPUTECH PVT LTD

N·E·A·T

Ardent Verified

This certificate is awarded to

SWARNALI MUKHERJEE

of

HERITAGE INSTITUTE OF TECHNOLOGY, KOLKATA

for successfully completing the **Industrial Internship** on

FULL STACK DEVELOPMENT USING SPRING CORE SPRING BOOT HIBERNATE

from

06-06-2024 to 06-07-2024

and implementing the project titled

ONLINE FOOD ORDERING SYSTEM

Certificate ID: ARDENT/110825
Issue Date: 06-07-2024

Microsoft Technology Associate

MSME

Director
Technology Services

Director
Operations

Smart Internz

CERTIFICATE OF COMPLETION

July 02, 2024

Shreshth Sahu

Salesforce Developer Virtual Internship

During the 8 Weeks period of Virtual Internship (**May-June 2024**), Shreshth Sahu has completed the following Salesforce Trailhead modules

Salesforce Fundamentals
Organizational Setup
Automation & Process Automation
Types Of Flows & Security
Apex, Testing & Debugging
VS Code Setup & CLI Setup
Lightning Web Components (LWC) & API

Super Badge - Apex Specialist
Super Badge - Process Automation Specialist
Super Badge - Developer Super Set

Certificate ID : SISFVIPAD2024-2353 | Verify this certificate@ https://skillwallet.smartinternz.com/internships/salesforce_certificates/23a1f0b45f1e188141a780d1a3126e77a

Shri Buddha Chandrasekar

Chief Coordinating Officer (CCO)
NEAT Cell, AICTE

Mr Amarender Katkam

Founder & CEO, Smartbridge & Smartinternz

Issued Date: 15-07-2024

CIN No- U85500HR2023PTC115118

CERTIFICATE
OF INTERNSHIP

UNIFIED MENTOR
YOUR SKILL, SUCCESS & JOURNEY

AICTE

Sudipta Mahato

***For successfully completing one month internship as** Data Science Intern **at Unified Mentor Pvt Ltd. Dated from** 15-06-2024 **to** 15-07-2024*
During the internship we found him/her consistent & hard-working. We wish them all the best for their future endeavors.

Verify at:

Paras Grover
Paras Grover
Director

ISO 9001:2015 COMPANY

Sanket Patil
Sanket Patil
Awarded By

AN ISO **9001:2015** Certified Company

C.ID: 597dc0c

CodSoft

CERTIFICATE
OF COMPLETION
PROUDLY PRESENTED TO

Deepak Kumar

has successfully completed 4 weeks of a virtual internship program in
Web Development
with wonderful remarks at **CODSOFT** from 25/05/2024 to 25/06/2024.
We were truly amazed by his/her showcased skills and invaluable contributions to the tasks and projects throughout the internship.

Founder

ISO 9001:2015 COMPANY

MSME

contact@codsoft.in www.codsoft.in Date: 28/06/2024

C.ID: aaf6f55

CodSoft

CERTIFICATE

OF COMPLETION
PROUDLY PRESENTED TO

Govind Kumar

has successfully completed 4 weeks of a virtual internship program in
Web Development
with wonderful remarks at **CODSOFT** from 25/05/2024 to 25/06/2024.
We were truly amazed by his/her showcased skills and invaluable contributions to the tasks and projects throughout the internship.

Founder

contact@codsoft.in www.codsoft.in Date: 28/06/2024

C.ID: cc3850f

CodSoft

CERTIFICATE

OF COMPLETION
PROUDLY PRESENTED TO

Sougoto Mukherjee

has successfully completed 4 weeks of a virtual internship program in
Java Programming
with wonderful remarks at **CODSOFT** from 10/06/2024 to 10/07/2024.
We were truly amazed by his/her showcased skills and invaluable contributions to the tasks and projects throughout the internship.

Founder

contact@codsoft.in www.codsoft.in Date: 13/07/2024

CODTECH IT SOLUTIONS
8-7-7/2, Plot No: 51,Opp:Naveena School, Hasthinapuram Central, Hyderabad , 500 079., Telangana
+91 9848925128
hr@codtechitsolutions.com
www.codtechitsolutions.com
CERTIFICATE
OF INTERNSHIP EXPERIENCE
This certificate is proudly presented to : CT4ML4152
SOHAM CHAKRAVORTY
successfully completed the Internship Program at CODTECH IT SOLUTIONTS in MACHINE LEARNING active participant from 5TH JULY 2024 to 5TH AUGUST 2024 with unwavering dedication.
NEELA SANTHOSH KUMAR
HUMAN RESOURCES& ACADEMIC HEAD
VERIFIED BY
CODTECH IT SOLUTIONS PVT .LTD
ISO 9001
AICTE

CERTIFICATE OF COMPLETION

OASIS INFOBYTE

25/8/2024

This certificate is proudly presented to

Debsarathi Sen

for successful completion of **1 month AICTE OIB-SIP internship** in **Java Development** from **20/7/2024 to 25/8/2024** with wonderful remarks at **OASIS INFOBYTE**

contact@oasisinfobyte.in | Program Coordinator | www.oasisinfobyte.com

OIB/J1/IP617

Industrial Training Certificate

ARDENT COMPUTECH PVT. LTD.

Ardent Verified

This certificate is awarded to

ANKIT PATRA

of

HERITAGE INSTITUTE OF TECHNOLOGY

for successfully completing the **Industrial Training** on

DATA SCIENCE, ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING USING PYTHON

from

06-06-2024 to 06-07-2024

and implementing the project titled

IMAGE CLASSIFICATION

Certificate ID: ARDENT/110758
Issue Date: 06-07-2024

Microsoft Technology Associate

AUTODESK

MSME

Director Technology Services

Director Operations

Industrial Training Certificate

ARDENT COMPUTECH PVT. LTD.
High-End Technology Training and Project

Ardent Verified

This certificate is awarded to

ROHIT MONDAL

of

HERITAGE INSTITUTE OF TECHNOLOGY

for successfully completing the **Industrial Training** on

ETHICAL HACKING & CYBER SECURITY

from

05-06-2024 to 05-07-2024

and implementing the project titled

VULNERABILITY ASSESSMENT AND PENETRATION TESTING

Certificate ID: ARDENT/110080
Issue Date: 05-07-2024

Microsoft Technology Associate

AUTODESK

MSME

Director
Technology Services

Director
Operations

Industrial Training Certificate

ARDENT COMPUTECH PVT. LTD.
High-End Technology Training and Project

Ardent Verified

This certificate is awarded to

TATHAGATA PAUL

of

HERITAGE INSTITUTE OF TECNOLOGY, KOLKATA

for successfully completing the **Industrial Training** on

DATA SCIENCE, ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING USING PYTHON

from

06-06-2024 to 06-07-2024

and implementing the project titled

MUSIC RECOMMENDATION SYSTEM

Certificate ID: ARDENT/109727
Issue Date: 06-07-2024

Microsoft Technology Associate

AUTODESK

MSME

Director
Technology Services

Director
Operations

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5-12-2024 18:01

Industrial Training Certificate

ARDENT COMPUTECH PVT. LTD.
High-End Technology Training and Project

Ardent Verified

This certificate is awarded to

ABHISEK PAUL

of

HERITAGE INSTITUTE OF TECHNOLOGY

for successfully completing the **Industrial Training** on

ETHICAL HACKING & CYBER SECURITY

from

05-06-2024 to 05-07-2024

and implementing the project titled

VULNERABILITY ASSESSMENT AND PENETRATION TESTING

Certificate ID: ARDENT/110083
Issue Date: 05-07-2024

Microsoft Technology Associate

AUTODESK

MSME

Director
Technology Services

Director
Operations

Industrial Internship Certificate

ARDENT COMPUTECH PVT. LTD.
High-End Technology Training and Project

N·E·A·T

Ardent Verified

This certificate is awarded to

SWAPNIL DEY

of

HERITAGE INSTITUTE OF TECNOLOGY, KOLKATA

for successfully completing the **Industrial Internship** on

DATA SCIENCE, ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING USING PYTHON

from

06-06-2024 to 06-07-2024

and implementing the project titled

DETECTION OF PHISHING WEBSITES USING ML AND PYTHON

Certificate ID: ARDENT/103654
Issue Date: 06-07-2024

Microsoft Technology Associate

MSME

Director
Technology Services

Director
Operations

Industrial Internship Certificate

ARDENT COMPUTECH PVT. LTD.
High-End Technology Training and Project
N·E·A·T
National Educational Alliance for Technology

Ardent Verified

This certificate is awarded to

ANKIT PATRA

of

HERITAGE INSTITUTE OF TECHNOLOGY

for successfully completing the **Industrial Internship** on

DATA SCIENCE, ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING USING PYTHON

from

06-06-2024 to 06-07-2024

and implementing the project titled

IMAGE CLASSIFICATION

Certificate ID: ARDENT/110757
Issue Date: 06-07-2024

Microsoft Technology Associate | Delivery Partner | ASD | UDYOG AADHAR MSME | ISO

Director Technology Services

Director Operations

Industrial Internship Certificate

ARDENT COMPUTECH PVT. LTD.
High-End Technology Training and Project
N·E·A·T
National Educational Alliance for Technology

Ardent Verified

This certificate is awarded to

SAYAN MUKHERJEE

of

HERITAGE INSTITUTE OF TECHNOLOGY, KOLKATA

for successfully completing the **Industrial Internship** on

VLSI BASED IC DESIGN

from

06-06-2024 to 06-07-2024

and implementing the project titled

TRAFFIC LIGHT CONTROLLER USING VHDL

Certificate ID: ARDENT/110868
Issue Date: 06-07-2024

Microsoft Technology Associate | Delivery Partner | ASD | UDYOG AADHAR MSME | ISO

Director Technology Services

Director Operations

Industrial Internship Certificate

ARDENT COMPUTECH PVT. LTD.

N·E·A·T

Ardent Verified

This certificate is awarded to

RITWIK SAHA

of

HERITAGE INSTITUTE OF TECHNOLOGY, KOLKATA

for successfully completing the **Industrial Internship** on

FULL STACK DEVELOPMENT USING SPRING CORE SPRING BOOT HIBERNATE

from

06-06-2024 to 06-07-2024

and implementing the project titled

ONLINE FOOD ORDERING SYSTEM

Certificate ID: ARDENT/110821
Issue Date: 06-07-2024

Microsoft Technology Associate

MSME

Director
Technology Services

Director
Operations

Industrial Internship Certificate

ARDENT COMPUTECH PVT. LTD.

N·E·A·T

Ardent Verified

This certificate is awarded to

SUTAPA TRIVEDY

of

HERITAGE INSTITUTE OF TECHNOLOGY, KOLKATA

for successfully completing the **Industrial Internship** on

VLSI BASED IC DESIGN

from

06-06-2024 to 06-07-2024

and implementing the project titled

TRAFFIC LIGHT CONTROLLER USING VHDL

Certificate ID: ARDENT/110867
Issue Date: 06-07-2024

Microsoft Technology Associate

MSME

Director
Technology Services

Director
Operations

Industrial Internship Certificate

ARDENT COMPUTECH PVT. LTD.
High-End Technology Training and Project

N·E·A·T

Ardent Verified

This certificate is awarded to

ROHIT MONDAL

of

HERITAGE INSTITUTE OF TECHNOLOGY

for successfully completing the **Industrial Internship** on

ETHICAL HACKING & CYBER SECURITY

from

05-06-2024 to 05-07-2024

and implementing the project titled

VULNERABILITY ASSESSMENT AND PENETRATION TESTING

Certificate ID: ARDENT/110075
Issue Date: 05-07-2024

Microsoft Technology Associate

MSME

Director
Technology Services

Director
Operations

Ardent Computech Pvt. Ltd.
Drives you to the Industry
Module 132, SDF Building, Sector V, Salt Lake, Pin - 700091
www.ardentcollaborations.com

Ref: ARDENT/103527 **Date:** 19-05-2024

Subject: INTERNSHIP / INDUSTRIAL TRAINING / COURSE CONFIRMATION LETTER

Dear ANKIT BHATTACHARYA

Your application for the INDUSTRIAL INTERNSHIP is accepted. The details are below:

COLLEGE/UNIVERSITY: HERITAGE INSTITUTE OF TECHNOLOGY

TECHNOLOGY DOMAIN: CLOUD-BASED FULL STACK DEVELOPMENT WITH AI & ML INTEGRATION USING MERN

INTERNSHIP START MONTH AND DATE: JUNE, 2024

DURATION: 4 TO 6 WEEKS

This is a project based program. You will have to develop a project, prepare project report and project presentation.

📌 **INTERNSHIP MILESTONES: TRAINING ON THE TOPIC/TECHNOLOGY → PROJECT ALLOCATION → PROJECT IMPLEMENTATION → PROJECT REPORT PREPARATION /PPT PREPARATION → ASSESSMENT → CERTIFICATE DISBURSAL.**

Wish you a progressive learning journey with us.

Thanking you,

Best Wishes,

Indranil De Sarkar
Director - HR
Ardent Computech Pvt. Ltd.

C.ID: d93c8e5

CodSoft

CERTIFICATE

OF COMPLETION
PROUDLY PRESENTED TO

Sanny Kumar Baniya

has successfully completed 4 weeks of a virtual internship program in
Android App Development
with wonderful remarks at **CODSOFT** from **10/06/2024** to **10/07/2024.**

We were truly amazed by his/her showcased skills and invaluable contributions to the tasks and projects throughout the internship.

Founder

contact@codsoft.in www.codsoft.in Date: 13/07/2024

Ardent Computech Pvt. Ltd.
Drives you to the Industry
Module 132, SDF Building, Sector V, Salt Lake, Pin - 700091
www.ardentcollaborations.com

Ref: ARDENT/104397 **Date:** 04-06-2024

Subject: INTERNSHIP / INDUSTRIAL TRAINING / COURSE CONFIRMATION LETTER

Dear JIT BANERJEE

Your application for the INDUSTRIAL INTERNSHIP is accepted. The details are below:

COLLEGE/UNIVERSITY: HERITAGE INSTITUTE OF TECHNOLOGY

TECHNOLOGY DOMAIN: WEB DESIGNING WITH HTML 5, CSS3, JAVASCRIPT, BOOTSTRAP, JQUERY, AJAX

INTERNSHIP START MONTH AND DATE: JUNE, 2024

DURATION: 4 TO 6 WEEKS

This is a project based program. You will have to develop a project, prepare project report and project presentation.

📌 **INTERNSHIP MILESTONES: TRAINING ON THE TOPIC/TECHNOLOGY — PROJECT ALLOCATION — PROJECT IMPLEMENTATION — PROJECT REPORT PREPARATION /PPT PREPARATION — ASSESSMENT — CERTIFICATE DISBURSAL.**

Wish you a progressive learning journey with us.

Thanking you,

Best Wishes,

Indranil De Sarkar
Director - HR
Ardent Computech Pvt. Ltd.

Ardent Computech Pvt. Ltd.
Drives you to the Industry
Module 132, SDF Building, Sector V, Salt Lake, Pin - 700091
www.ardentcollaborations.com

Ref: ARDENT/103514 **Date:** 19-05-2024

Subject: INTERNSHIP / INDUSTRIAL TRAINING / COURSE CONFIRMATION LETTER

Dear VISHAKHA KUMARI

Your application for the INDUSTRIAL INTERNSHIP is accepted. The details are below:

COLLEGE/UNIVERSITY: HERITAGE INSTITUTE OF TECHNOLOGY

TECHNOLOGY DOMAIN: VLSI AND IC DESIGN

INTERNSHIP START MONTH AND DATE: JUNE, 2024

DURATION: 4 TO 6 WEEKS

This is a project based program. You will have to develop a project, prepare project report and project presentation.

📌 **INTERNSHIP MILESTONES: TRAINING ON THE TOPIC/TECHNOLOGY ➡ PROJECT ALLOCATION ➡ PROJECT IMPLEMENTATION ➡ PROJECT REPORT PREPARATION /PPT PREPARATION ➡ ASSESSMENT ➡ CERTIFICATE DISBURSAL.**

Wish you a progressive learning journey with us.

Thanking you,

Best Wishes,

Indranil De Sarkar
Director - HR
Ardent Computech Pvt. Ltd.

Industrial Internship Certificate
ARDENT
COMPUTECH PVT. LTD.
N·E·A·T
Ardent Verified
This certificate is awarded to
ANUSKA BAKULY
of
HERITAGE INSTITUTE OF TECHNOLOGY, KOLKATA
for successfully completing the Industrial Internship on
DATA SCIENCE, ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING USING PYTHON
from
06-06-2024 to 06-07-2024
and implementing the project titled
HEART DISEASE PREDICTION MODEL
Certificate ID: ARDENT/109953
Issue Date: 06-07-2024
Microsoft
Technology Associate
MSME
Director
Technology Services
Director
Operations

Industrial Internship Certificate
ARDENT
COMPUTECH PVT. LTD.
N·E·A·T
Ardent Verified
This certificate is awarded to
SAYANDEEP MALLICK
of
HERITAGE INSTITUTE OF TECHNOLOGY, KOLKATA
for successfully completing the Industrial Internship on
FULL STACK DEVELOPMENT USING SPRING CORE SPRING BOOT HIBERNATE
from
06-06-2024 to 06-07-2024
and implementing the project titled
ONLINE FOOD ORDERING SYSTEM
Certificate ID: ARDENT/110828
Issue Date: 06-07-2024
Microsoft
Technology Associate
MSME
Director
Technology Services
Director
Operations

Industrial Internship Certificate

ARDENT COMPUTECH PVT. LTD.

Ardent Verified

This certificate is awarded to

ARNAB DASCHAKRABORTY

of

HERITAGE INSTITUTE OF TECHNOLOGY

for successfully completing the **Industrial Internship** on

MOBILE APPLICATION DEVELOPMENT USING FLUTTER

from

06-06-2024 to 06-07-2024

and implementing the project titled

ONLINE MEDICINE SHOP

Certificate ID: ARDENT/110104
Issue Date: 06-07-2024

Microsoft Technology Associate

MSME

Director
Technology Services

Director
Operations

CODE ALPHA
YOUR DREAM OUR PASSION

Student ID: CA/JI/14856

CERTIFICATE
OF COMPLETION

This Certificate Is Proudly Presented To

Shubham Kumar Singh

Was an active Participant at CodeAlpha Virtual Internship Program in Java Programming Internship with dedication and hard work. We really appreciate your efforts taken and wish you all the best for the further.
(1st March 2024 to 30th March 2024)

CEO & Founder

11th April 2024
Date of Issue

MSME

C.ID: d93c8e5

CodSoft

CERTIFICATE

OF COMPLETION
PROUDLY PRESENTED TO

CHANDAN RAJ VERMA

has successfully completed 4 weeks of a virtual internship program in

WEB DEVELOPMENT

with wonderful remarks at **CODSOFT** from **10/06/2024 to 10/07/2024.**

We were truly amazed by his/her showcased skills and invaluable contributions to the tasks and projects throughout the internship.

Founder

contact@codsoft.in www.codsoft.in Date: 13/07/2024

EngineerCore

Summer Internship Project Appreciation

Date: 15 July, 2024

Whom so ever I may concern

Name: **Aranyak Sarkar**
College Name: **HERITAGE INSTITUTE OF TECHNOLOGY KOLKATA**
Project Name: **VIDEO CHATTING WEBSITE**

This letter explains that the above-mentioned student has completed his/her **Summer Internship Project** with our organization Engineer Core in association with our technology partner **Effervescence IIIT Allahabad** in the month of **June 2024** and **July 2024.**

During his/her tenure with us, he/she actively took responsibility for the tasks involved in the projects and tasks assigned. He/She developed a project which implicated the practical execution of the courseware.

We highly appreciate the fantastic job you have done on your Summer Internship project. Your hard work and dedication have come out with flying colors.
Our organization wishes him good luck in the future.

Sincerely,

Industrial Training Certificate

ARDENT COMPUTECH PVT. LTD.

This certificate is awarded to

EEPSHITA PAHARI

of

HERITAGE INSTITUTE OF TECHNOLOGY, KOLKATA

for successfully completing the **Industrial Training** on

DATA SCIENCE ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING USING PYTHON

from

17-06-2024 to 17-07-2024

and implementing the project titled

OPTIMIZING DIGITAL CAMERA SELECTION FOR THE INDIAN MARKET

Certificate ID: ARDENT/110935
Issue Date: 17-07-2024

Microsoft Technology Associate

AUTODESK

MSME

Director Technology Services

Director Operations

YHills

CERTIFICATE

OF INTERNSHIP COMPLETION

Proudly Presented To

Vikash Kumar

has successfully completed the Internship

from 02-May-2024 to 31-Jul-2024 in Embedded system at YHills.

CERTIFIED

Aman Kumar
Founder & CEO

Pawan Kr. Rishu
Founder & COO

INTERNSHALA TRAININGS

Certificate of Training

Enakshi dey

from HERITAGE INSTITUTE OF TECHNOLOGY, KOLKATA has successfully completed a 6-week online training on **Embedded Systems**. The training consisted of Introduction, Embedded Hardware, Embedded Firmware, Firmware Development, Phases of Embedded Systems Development, Case Studies, and Final Project modules.

We wish Enakshi all the best for future endeavours.

Sarvesh Agrawal
FOUNDER & CEO, INTERNSHALA

Date of certification: 2024-08-25 Certificate no. : tbl4wmkbp50

For certificate authentication, please visit https://trainings.internshala.com/verify_certificate

EDUDIGM
An IIT Kharagpur Alumni Initiative

CERTIFICATE

OF INTERNSHIP

1 JUNE 2024 - 1 JULY 2024

THIS CERTIFICATE IS AWARDED TO

GULSHAN KUMAR

for **Successful Completion** of the **1** month **internship** as **Design of Combinational Circuits using Ternary Logic Applic. at EDUDIGM**, under the guidance of **Aryan, Product Manager**.

His work has been **exemplary** and we wish him the best for future endeavors.

Subhomoy Bakshi
COO, Head of Academics

Rajiv Agarwal
CEO of EDUDIGM

C.ID: 56da787

CodSoft

CERTIFICATE

OF COMPLETION
PROUDLY PRESENTED TO

Hritesh Goldar

has successfully completed 4 weeks of a virtual internship program in
Web Development
with wonderful remarks at **CODSOFT** from 20/07/2024 to 20/08/2024.
We were truly amazed by his/her showcased skills and invaluable contributions to the tasks and projects throughout the internship.

Founder

contact@codsoft.in www.codsoft.in Date: 23/08/2024

C.ID: 479f137

CodSoft

CERTIFICATE

OF COMPLETION
PROUDLY PRESENTED TO

Hritik Kumar

has successfully completed 4 weeks of a virtual internship program in
Web Development
with wonderful remarks at **CODSOFT** from 10/06/2024 to 10/07/2024.
We were truly amazed by his/her showcased skills and invaluable contributions to the tasks and projects throughout the internship.

Founder

contact@codsoft.in www.codsoft.in Date: 13/07/2024

ARDENT®

"Drives You to Industry"

"Knowledge is power, power leads to growth, growth is life"

Date: 06-07-2021

INTERNSHIP AND PROJECT LETTER

This is to certify that

SAWAIZ SHAFI

has completed the project titled

BINARY TO EXCESS-3 ENCODER DESIGN

using

VLSI BASED IC DESIGN

to fulfill the requirement of

INDUSTRIAL TRAINING AND INTERNSHIP

under the guidance of the technical team of

ARDENT COMPUTECH PVT. LTD.

We observed that the work carried out is satisfactory and deserves appreciation.

Director
Technology Services

Ardent Computech Pvt. Ltd. Verified

Director
Operations

No : RKYPGNB646-2024-2772007

BHARAT SANCHAR NIGAM LIMITED

(A Government of India Enterprise)

Netaji Subhash Chandra Bose Telecom Training Centre

(A Zonal Telecom Training Centre of BSNL)

CERTIFICATE

This is to Certify that

SWAPNALI JANA

has successfully completed 4 weeks ***Internship*** *on* ***Advanced Telecom Technology*** *from* ***03.06.2024*** *to* ***28.06.2024*** *conducted by* ***NSCBTTC, Kalyani*** *.*

We wish him/her all the best for a bright future.

(Principal)

Date : 28.06.2024

Sl. No. ES/24-25/001

MSME TOOL ROOM - KOLKATA

Central Tool Room & Training Centre

UNDER MINISTRY OF MSME, GOVT. OF INDIA

BONHOOGHLY INDUSTRIAL AREA, KOLKATA - 700 108

This is to certify that

Mr. / Ms. PRITAM SHAW

Son / Daughter of KISHOR SHAW

has successfully completed the Course

EMBEDDED SYSTEM

The course comprises the following subjects

1. BASICS OF MICROPROCESSOR & MICROCONTROLLER.
2. INTRODUCTION TO EMBEDDED SYSTEM.
3. INTRODUCTION TO ARM-7 ARCHITECTURE & FEATURES.
4. MICROCONTROLLER PROGRAMMING USING EMBEDDED C.
5. INTERFACING OF INTERNAL PERIPHERALS WITH LPC-2148.
6. INTERFACING OF EXTERNAL PERIPHERALS WITH LPC-2148.

Period of Course : from 01.07.2024 to 31.07.2024

Date of Award : 31.07.2024

COURSE CO-ORDINATOR

HEAD OF THE TRAINING DEPARTMENT

कोलकाता मेट्रो रेल कर्पोरेशन लिमिटेड
KOLKATA METRO RAIL CORPORATION LIMITED
(A GOVERNMENT OF INDIA UNDERTAKING)
Registered Office:
KMRCL Bhavan, HRBC Office Compound, Munshi Premchand Sarani, Kolkata-700 021
Corporate Identity No. U60100WB2009GOI137418, GSTIN: 19AAGCK8311B1ZH
Phone No. 033-2213-4143, 033-4607-1117, 033-4607-1119
Fax No. 033-2213-4380, Website: www.kmrc.in

KMRC

Azadi Ka Amrit Mahotsav

TO WHOM IT MAY CONCERN

It is being certified that **Sougata Saha**, a student of 7th semester, Department of Electronics & Communication Engineering of **Heritage Institute of Technology, Kolkata** has attended vocational training for the period of 17th June, 2024 to 28th June, 2024 in the ongoing Railway Metro Project for Construction of East - West Kolkata Metro Project.

During the said training his performance has been excellent. He has shown very good aptitude for grasping the practical aspects of construction works. We wish all the best for his future professional career.

Place: Kolkata
Date: 10th July, 2024

(Susanta Sarkar)
Group General Manger(S& T)
Kolkata Metro Rail Corporation Ltd.

Copy to- Shayam Sundar Rajbanshi, Heritage Institute of Technology, Kolkata

सुशान्त सरकार
Susanta Sarkar
Group General Manager (S&T)
Kolkata Metro Rail Corporation Ltd.
(A Govt. of India Undertaking)

No : RKYPGNB646-2024-2772008

BSNL

BHARAT SANCHAR NIGAM LIMITED

(A Government of India Enterprise)

Netaji Subhash Chandra Bose Telecom Training Centre

(A Zonal Telecom Training Centre of BSNL)

CERTIFICATE

This is to Certify that

TRISITA GAYEN

has successfully completed 4 weeks Internship on Advanced Telecom Technology from 03.06.2024 to 28.06.2024 conducted by NSCBTTC, Kalyani .

We wish him/her all the best for a bright future.

(Principal)

Date : 28.06.2024

InternPe

INTERNSHIP COMPLETION CERTIFICATE

IPI#25456

To whomever it may concern

Dear MOULAMI SARKAR,

This is to certify that you worked as an Intern in our company from **03-June-2024 to 30-June-2024.**

Please find the internship details below:

Company Name InternPe
Domain: Web Development
Designation: Intern

During their working period, we found him/her to be a sincere and dedicated intern with a professional attitude and very good knowledge of the job.

We thank him/her for their efforts and contribution and wish him/her the best in future endeavors.

Yours Sincerely

(Co-Founder)
InternPe

Industrial Training Certificate

ARDENT COMPUTECH PVT. LTD.

Ardent Verified

This certificate is awarded to

ROHIT KAPAT

of

HERITAGE INSTITUTE OF TECHNOLOGY, KOLKATA

for successfully completing the **Industrial Training** on

CLOUD BASED FULL STACK DEVELOPMENT WITH AI & ML INTEGRATION USING MERN

from

04-06-2024 to 04-07-2024

and implementing the project titled

SOCIAL MEDIA APP

Certificate ID: ARDENT/109859
Issue Date: 04-07-2024

Microsoft Technology Associate

AUTODESK

MSME

Director
Technology Services

Director
Operations

ARDENT®

"Drives You to Industry"

Date:06-07-2024

INTERNSHIF AND PROJECT LETTER

This is to certify that

AISHANI ROY

has completed the project titled

REAL TIME SPAM DETECTION

using

DATA SCIENCE ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING USING PYTHON

to fulfill the requirement of

INDUSTRIAL TRAINING AND INTERNSHIP

under the guidance of the technical team of

ARDENT COMPUTECH PVT. LTD.

We observed that the work carried out is satisfactory and deserves appreciation.

Director
Technology Services

Verified

Director
Operations

भारतीय प्रौद्योगिकी संस्थान रुड़की

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

DEPARTMENT OF COMPUTER SCIENCES & ENGINEERING

ROORKEE - 247 667, UTTARAKHAND, BHARAT

DR. SUDIP ROY

ASSOCIATE PROFESSOR

Phone: +91-1332-284815 (O)

Fax : +91-1332-285388 (O)

E-mail: sudip.roy@cs.iitr.ac.in, sudiproy.iitr@gmail.com

Web : https://www.iitr.ac.in/~CSE/Sudip_Roy

Date: July 28, 2024

To Whom It May Concern

I am an assistant professor in the Department of Computer Science and Engineering (CSE) at Indian Institute of Technology (IIT) Roorkee, India. I am writing this letter to certify that **Mr. Abhishek Kumar Jaiswal**, a third-year student of B.Tech in Electronics and Communication Engineering at the Heritage Institute of Technology, Kolkata, India, had worked for a remote internship on the topic titled as "Study and Implementation of Arduino and ESP32-Based Sensor Integration" in Computing and Design Automation (CoDA) laboratory during the period from **28th June 2024 to 28th July 2024**.

During this period of his internship, he coded in Kotlin, Arduino programming in Arduino Studio, Arduino IDE and Firebase tools while using ESP-32 and worked on hardware components in the project. He also trained about IoT Architecture and Cloud integration. He was able to complete the training successfully.

I wish to be successful in all his future endeavors and the required for his career.

Thanks and regards,

Sincerely,

23/07/24

(Dr. Sudip Roy)

Industrial Internship Certificate

ARDENT COMPUTECH PVT. LTD.

High-End Technology Training and Project

N·E·A·T

Ardent Verified

This certificate is awarded to

SOHAM CHAKRABORTY

of

HERITAGE INSTITUTE OF TECNOLOGY, KOLKATA

for successfully completing the **Industrial Internship** on

DATA SCIENCE, ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING USING PYTHON

from

06-06-2024 to 06-07-2024

and implementing the project titled

MUSIC RECOMMENDATION SYSTEM

Certificate ID: ARDENT/109683

Issue Date: 06-07-2024

Microsoft Technology Associate

MSME

Director Technology Services

Director Operations

Industrial Training Certificate

ARDENT COMPUTECH PVT. LTD.

Ardent Verified

This certificate is awarded to

SUJIT KUMAR HALDER

of

HERITAGE INSTITUTE OF TECHNOLOGY, KOLKATA

for successfully completing the **Industrial Training** on

CLOUD BASED FULL STACK DEVELOPMENT WITH AI & ML INTEGRATION USING MERN

from

04-06-2024 to 04-07-2024

and implementing the project titled

MOVIE BOOKING SYSTEM

Certificate ID: ARDENT/103843
Issue Date: 04-07-2024

Microsoft Technology Associate

AUTODESK

MSME

Director
Technology Services

Director
Operations

Industrial Training Certificate

ARDENT COMPUTECH PVT. LTD.

Ardent Verified

This certificate is awarded to

ADITYA SANYAL

of

HERITAGE INSTITUTE OF TECHNOLOGY

for successfully completing the **Industrial Training** on

DEEP LEARNING USING TENSORFLOW AND KERAS

from

07-06-2024 to 07-07-2024

and implementing the project titled

DRIVER DROWSINESS DETECTION

Certificate ID: ARDENT/110775
Issue Date: 07-07-2024

Microsoft Technology Associate

AUTODESK

MSME

Director
Technology Services

Director
Operations

Industrial Training Certificate

ARDENI COMPUTECH PVT. LTD.

This certificate is awarded to

SWAGATA DAS

of

HERITAGE INSTITUTE OF TECHNOLOGY, KOLKATA

for successfully completing the **Industrial Training** on

VLSI BASED IC DESIGN

from

06-06-2024 to 06-07-2024

and implementing the project titled

ALU DESIGN USING VERILOG

Certificate ID: ARDENT/110882
Issue Date: 06-07-2024

Microsoft Technology Associate | AUTODESK | MSME | ISO

Director Technology Services

Director Operations

Short Term Certified Summer Internship Training Programme

IC Design & Fabrication Centre
Department of Electronics & Tele-communication Engineering
JADAVPUR UNIVERSITY

Certified that Sri/Smt. **Srinjoy Sadhukhan** *from Heritage Institute of Technology, Kolkata, successfully completed the Short Term Certified Summer Internship Training Programme on* **"Microelectronics Technology and VLSI Design"** *organized by IC Design & Fabrication Centre, Electronics & Tele-communication Engineering Department, Jadavpur University, Kolkata – 700032 from* **26th June 2024 to 16th August 2024.** *He/she has secured* **'A'** *grade in this course.*

Sayan Chatterjee
Prof. Sayan Chatterjee
Co-ordinator
IC Design & Fabrication Centre
Electronics & Tele-communication Engg. Dept.
Jadavpur University, Kolkata – 700032

Prof. Manotosh Biswas
Head, Department of Electronics &
Tele-communication Engineering
Jadavpur University
Kolkata – 700032

Industrial Internship Certificate
ARDENT
COMPUTECH PVT. LTD.
N·E·A·T
Ardent Verified
This certificate is awarded to
SREMANA GHOSH
of
HERITAGE INSTITUTE OF TECHNOLOGY, KOLKATA
for successfully completing the Industrial Internship on
WEB DESIGNING WITH HTML5 , CSS3 , JAVASCRIPT , JQUERY , AJAX
from
05-06-2024 to 05-07-2024
and implementing the project titled
TOURS AND TRAVELS WEBSITE
Certificate ID: ARDENT/110064
Issue Date: 05-07-2024
Microsoft
Technology Associate
MSME
Director
Technology Services
Director
Operations

C.ID: 31f56d0
CodSoft
CERTIFICATE
OF COMPLETION
PROUDLY PRESENTED TO
Sachin Kumar Sharma
has successfully completed 4 weeks of a virtual internship program in
Web Development
with wonderful remarks at CODSOFT from 10/06/2024 to 10/07/2024.
We were truly amazed by his/her showcased skills and invaluable contributions to the tasks and projects throughout the internship.
Founder
contact@codsoft.in
www.codsoft.in
Date: 13/07/2024

Industrial Training Certificate

ARDENT COMPUTECH PVT. LTD.
High-End Technology Training and Project

Ardent Verified

This certificate is awarded to

SARGAM PAL

of

HERITAGE INSTITUTE OF TECHNOLOGY, KOLKATA

for successfully completing the **Industrial Training** on

DATA SCIENCE, ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING USING PYTHON

from

06-06-2024 to 06-07-2024

and implementing the project titled

IMAGE CLASSIFICATION USING CONVOLUTIONAL NEURAL NETWORK

Certificate ID: ARDENT/109991
Issue Date: 06-07-2024

Microsoft Technology Associate

AUTODESK

MSME

Director
Technology Services

Director
Operations

Industrial Training Certificate

ARDENT COMPUTECH PVT. LTD.
High-End Technology Training and Project

Ardent Verified

This certificate is awarded to

ARNAB CHAKRABORTY

of

HERITAGE INSTITUTE OF TECHNOLOGY

for successfully completing the **Industrial Training** on

CLOUD COMPUTING WITH AWS

from

06-06-2024 to 06-07-2024

and implementing the project titled

TEXT TO SPEECH CONVERTER USING AMAZON POLLY

Certificate ID: ARDENT/111010
Issue Date: 06-07-2024

AUTODESK

MSME

Director
Technology Services

Director
Operations

Industrial Internship Certificate

ARDENT COMPUTECH PVT. LTD.
High-End Technology Training and Project

N·E·A·T

Ardent Verified

This certificate is awarded to

SWAPNIL SINHA

of

HERITAGE INSTITUTE OF TECNOLOGY, KOLKATA

for successfully completing the **Industrial Internship** on

DATA SCIENCE, ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING USING PYTHON

from

06-06-2024 to 06-07-2024

and implementing the project titled

IMAGE CLASSIFICATION USING CONVOLUTIONAL NEURAL NETWORK

Certificate ID: ARDENT/103665
Issue Date: 06-07-2024

Microsoft Technology Associate

MSME

Director
Technology Services

Director
Operations

INNOVERV.

Internship Certificate

This certifies that

Sambit Mallick, B. Tech ECE, Heritage Institute of Technology

has successfully completed an internship with

INNOVERV.

Duration: 10th March 2024 to 20th June 2024

During the internship, he has demonstrated exceptional skills and dedication in the field of Artificial Intelligence. He was tasked with building automation tools utilizing GnAI, showcasing a profound understanding of AI principles and practical application.

His contributions have been invaluable to our team and have significantly advanced our projects in AI-driven automation.

Certificate issued on 21st June 2024.

Signature
Abhraneel Sarkar

☎ : +91-343-2754389
/4389/5502 (Lab)
Fax : +91-343-2547375
: +91-343-2546753
Website: www.nitdgp.ac.in

राष्ट्रीय प्रोद्योगिकी संस्थान दुर्गापुर
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR
(An Institute under Ministry of Education, Govt. of India)
MAHATMA GANDHI AVENUE, DURGAPUR – 713209, INDIA

From: Ashis Kumar Mal, PhD

July 05, 2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr./Ms. **Sopan Das**, son of Ms. Sanchita Das, bearing roll no: **2152069** of Heritage Institute of Technology, Kolkata was working as Intern from June 03 to July 05, 2024 (33 days) in the **VLSI Lab of ECE, NIT Durgapur**.

During the internship, Mr. Das worked in the various aspects of Digital design and compiled a C/C++ program to implement a **Modulo N Counter of Arbitrary Sequence**.

Sopan is found to be sincere and hardworking. I wish him a great future.

Prof. Ashis Kumar Mal

Dr. Sanjay Dhar Roy
Head, ECE

INTERNBEE TRAININGS

Certificate of Internship

This is to certify that
Dr. / Mr. / Ms. RASHMI SHARMA
Of
HERITAGE INSTITUTE OF TECHNOLOGY, KOLKATA
has successfully completed 8 weeks online training on

JAVA

from 26th JUN, 2024 to 07th AUG, 2024

In this training, RASHMI SHARMA has learnt Basics of Java Programming, Key Technologies, Object-Oriented Programming Concepts, Advanced Java Tools, Exception Handling, Multithreading and Concurrency - Part 1, Multithreading and Concurrency - Part 2, Advanced Data Structures, and Final Project modules. RASHMI SHARMA scored 91 % marks in the final assessment and is a top performer in the training. We wish RASHMI SHARMA all the best for future endeavours.

Certificate Number: 20240810IB4969021725
Date of Certification : 10/08/2024
Online Certificate Verification available on www.internbee.com

(Approved by AICTE)

RAJABABOO KUMAR
FOUNDER & CEO, INTERNBEE

C.ID: b9cf9f5

CodSoft

CERTIFICATE

OF COMPLETION
PROUDLY PRESENTED TO

Ritesh Raj

has successfully completed 4 weeks of a virtual internship program in
Web Development
with wonderful remarks at **CODSOFT** from 05/06/2024 to 05/07/2024.

We were truly amazed by his/her showcased skills and invaluable contributions to the tasks and projects throughout the internship.

Founder

contact@codsoft.in www.codsoft.in Date: 08/07/2024

भारतीय प्रौद्योगिकी संस्थान रुड़की
कम्प्यूटर विज्ञान एवं इंजीनियरिंग विभाग
रुड़की - 247 667, उत्तराखण्ड, भारत

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE
DEPARTMENT OF COMPUTER SCIENCES & ENGINEERING
ROORKEE - 247 667, UTTARAKHAND, BHARAT

Ph +91-01332-285206 (O) 01332-284255 (O)
E-mail csed@iitr.ac.in

DR. SUDIP ROY

ASSCOSIATE PROFESSOR

Phone : +91-1332-284815 (O)
Fax : +91-1332-285368 (O)
E-mail : sudip.roy@cs.iitr.ac.in, sudiproy.bkp@gmail.com
Web : https://www.iitr.ac.in/~CSE/Sudip_Roy

Date: July 28, 2024

To Whom It May Concern

I am an associate professor in the Department of Computer Science and Engineering (CSE) at Indian Institute of Technology (IIT) Roorkee, India. I am writing this letter to certify that **Mr. Raushan Kumar Sahu**, a third-year student of B.Tech. in Electronics and Communication Engineering at the Heritage Institute of Technology, Kolkata, India, had worked for a summer internship on the topic titled as "Study of IoT Power Management and Network Technologies" in Computing and Design Automation (CoDA) laboratory during the period from **28th June 2024 to 28th July 2024**.

During this period of his internship, he coded in Kotlin, Arduino programming in Android Studio, Arduino IDE and Firebase tools, sensor and actuator integration with ESP32 for IoT system development in the project. He also learnt basics of Python, IoT Power Management, and software-defined networks (SDNs). He was able to complete the training successfully.

I wish him success in all his future endeavors and the very best for his career.

Thanks, and regards.
Sincerely,

28/07/24

InternPe

INTERNSHIP COMPLETION CERTIFICATE

IPI#25395

To whomever it may concern

Dear BAISHAYAN SAHA,

This is to certify that you worked as an Intern in our company from **03-June-2024 to 30-June-2024.**

Please find the internship details below:

Company Name: InternPe
Domain: Java Programming
Designation: Intern

During their working period, we found him/her to be a sincere and dedicated intern with a professional attitude and very good knowledge of the job.

We thank him/her for their efforts and contribution and wish him/her the best in future endeavors.

Yours Sincerely

(Co-Founder)
InternPe

भारतीय प्रौद्योगिकी संस्थान खड़गपुर
खड़गपुर - 721302, भारत
Indian Institute of Technology Kharagpur,
Kharagpur - 721302, INDIA

Date: 04/07/2024

To whomsoever it may concern

This is to certify that Mr. ARIJIT SARKAR has worked with me during the period 29-05-2024 to 04-07-2024. The student has worked on a project/research topic entitled "Machine Learning Models for Load Balancing of SDN-based 5G Networks."

I am favourably impressed with the student's diligence, obedience, and sincerity towards work assigned to him.

It is hereby declared that the internship was not a part of the said student's academic curriculum of the institute the student studies in.

The undersigned may be contacted for further information about the intern.

Amrik Adhya

INTERNSHALA TRAININGS

Certificate of Training

Gulam Gaush

from Heritage institute of technology kolkata has successfully completed a 6-week online training on **VLSI Design**. The training consisted of Introduction to VLSI, HDL Coding Concepts, Combinational Circuits, Sequential Circuit Design, Finite State Machines, System Design using FPGA, and Case Studies & Final Project modules.

In the final assessment, Gulam scored 78% marks.

We wish Gulam all the best for future endeavours.

Sarvesh Agrawal
FOUNDER & CEO, INTERNSHALA

Dr. Shankar Raman
CEO, ETM PRAVARTAK TECHNOLOGIES FOUNDATION

Date of certification: 2024-08-16

Certificate no.: 6[illegible]

For certificate authentication, please visit https://trainings.internshala.com/verify_certificate

ARDENT®
"Drives You to Industry"

"Knowledge is power, power leads to growth, growth is life"

Date:06-07-2024

INTERNSHIP AND PROJECT LETTER

This is to certify that

ARNAB CHAKRABORTY

has completed the project titled

TEXT TO SPEECH CONVERTER USING AMAZON POLLY

using

CLOUD COMPUTING WITH AWS

to fulfill the requirement of

INDUSTRIAL TRAINING AND INTERNSHIP

under the guidance of the technical team of

ARDENT COMPUTECH PVT. LTD.

We observed that the work carried out is satisfactory and deserves appreciation.

Industrial Internship Certificate

ARDENT COMPUTECH PVT. LTD.
High End Technology Training and Project

N·E·A·T

Ardent Verified

This certificate is awarded to

ANURAG LAHA

of

HERITAGE INSTITUTE OF TECHNOLOGY, KOLKATA

for successfully completing the **Industrial Internship** on

VLSI BASED IC DESIGN

from

06-06-2024 to 06-07-2024

and implementing the project titled

TRAFFIC LIGHT CONTROLLER USING VHDL

Certificate ID: ARDENT/110856
Issue Date: 06-07-2024

Microsoft Technology Associate

UDYOG AADHAAR MSME

Director
Technology Services

Director
Operations

TIMKEN

Tahishi
Analyst - HR

T +91 657 2452 242
tahishi.7@timken.com

Timken India Limited
Bara P.O. Agrico
Jamshedpur – 831009
Jharkhand, India

January 15, 2024

To Whomsoever It May concern

This is to certify that Ms. Amisha Kumari, student of Heritage Institute of Technology, Kolkata has completed her internship in our organization from 30th December 2023 to 15th January 2024.

She has completed her project on "PLC " at Timken India Limited under the guidance of Mr. Navin Kumar. During the internship we have found her to be sincere and hardworking.

We wish her all success in future!

Tahishi

Analyst - HR

CODING SAMURAI

INTERNSHIP EXPERIENCE CERTIFICATE

10 March,2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Dileep Pandey** From **Heritage Institute of Technology** has worked with **Coding Samurai** as a **C++ Development Intern** from **dated 06th February 2024 till 08th March 2024**.

During his stay in the company as an intern, He displayed enthusiasm, leadership, responsibility, Sincerity and zeal to take on new assignments and challenges.

This is to inform that Mr. Dileep Pandey has been relieved of all his duties.

We were lucky to have him as one of our interns before and we would like to wish him all the best.

Sincerely,

Industrial Internship Certificate
ARDENT
COMPUTECH PVT. LTD.
N-E-A-T
Ardent Verified
This certificate is awarded to
SUVAM MANNA
of
HERITAGE INSTITUTE OF TECHNOLOGY, KOLKATA
for successfully completing the Industrial Internship on
CLOUD BASED FULL STACK DEVELOPMENT WITH AI & ML INTEGRATION USING MERN
from
04-06-2024 to 04-07-2024
and implementing the project titled
VIDEO CONFERENCING APP
Certificate ID: ARDENT/109779
Issue Date: 04-07-2024
Microsoft
Technology Associate
MSME
Director
Technology Services
Director
Operations

Industrial Training Certificate
ARDENT
COMPUTECH PVT. LTD.
Ardent Verified
This certificate is awarded to
MANOMOY MAITY
of
HERITAGE INSTITUTE OF TECHNOLOGY, KOLKATA
for successfully completing the Industrial Training on
CLOUD BASED FULL STACK DEVELOPMENT WITH AI & ML INTEGRATION USING MERN
from
04-06-2024 to 04-07-2024
and implementing the project titled
MOVIE BOOKING SYSTEM
Certificate ID: ARDENT/109829
Issue Date: 04-07-2024
Microsoft
Technology Associate
AUTODESK
MSME
Director
Technology Services
Director
Operations

IQApex Labs™

CERTIFICATE OF INTERNSHIP

This is to certify that **Sattwik Das** from **Heritage Institute of Technology, Kolkata** has successfully completed his intership as a **SDE Intern** at **IQApex Labs** from 25th May, 2023 – 26th June, 2024.

Durirg the period of his internship, he had been exposed to different processes and was found punctual, hardworking and inquisitive. We wish Sattwik Das the best for future endeavours.

15 /06/ 2024
Date

Arjun Dutta
Founder & CEO

IQApex Labs LLP/Shyamnagar, Sector-V, Kol-WB 743133 IN / +91 8777765809

CODING RAJA TECHNOLOGIES

CERTIFICATE

OF INTERNSHIP COMPLETION

This Certifies That - Cert ID

JUNE/PH1/1/24/jH2U4

DEBANTA SIDHANTA

has successfully completed the 1 month
Java Internship
at Coding Raja Technologies from 1/6/24 to 1/7/24.

SIGNATURE

Short Term Certified Summer Internship Training Programme

IC Design & Fabrication Centre
Department of Electronics & Tele-communication Engineering
JADAVPUR UNIVERSITY

Certified that Sri/Smt. **Sk Raihaan Samad** *from Heritage Institute of Technology, Kolkata, successfully completed the Short Term Certified Summer Internship Training Programme on* **"Microelectronics Technology and VLSI Design"** *organized by IC Design & Fabrication Centre, Electronics & Tele-communication Engineering Department, Jadavpur University, Kolkata – 700032 from* **26th June 2024 to 16th August 2024**. *He/she has secured* **'B+'** *grade in this course.*

Sayan Chatterjee
Prof. Sayan Chatterjee
Co-ordinator
IC Design & Fabrication Centre
Electronics & Tele-communication Engg. Dept.
Jadavpur University, Kolkata – 700032

Prof. Manotosh Biswas
Head, Department of Electronics &
Tele-communication Engineering
Jadavpur University
Kolkata – 700032

Industrial Training Certificate

ARDENT COMPUTECH PVT. LTD.

Ardent Verified

This certificate is awarded to

KORAK CHOUDHURY

of

HERITAGE INSTITUTE OF TECHNOLOGY, KOLKATA

for successfully completing the **Industrial Training** on

DATA SCIENCE, ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING USING PYTHON

from

06-06-2024 to 06-07-2024

and implementing the project titled

MUSIC RECOMMENDATION SYSTEM USING ML

Certificate ID: ARDENT/109979
Issue Date: 06-07-2024

Microsoft Technology Associate

AUTODESK

MSME

Director
Technology Services

Director
Operations

C.ID: b30ff42

CodSoft

CERTIFICATE

OF COMPLETION
PROUDLY PRESENTED TO

Md Anjum Sayeed

has successfully completed 4 weeks of a virtual internship program in
Web Development
with wonderful remarks at **CODSOFT** from 01/06/2024 to 30/06/2024.
We were truly amazed by his/her showcased skills and invaluable contributions to the tasks and projects throughout the internship.

Founder

contact@codsoft.in www.codsoft.in Date: 03/07/2024

C.ID: 305269c

CodSoft

CERTIFICATE

OF COMPLETION
PROUDLY PRESENTED TO

Md Faisal Kalim

has successfully completed 4 weeks of a virtual internship program in
Web Development
with wonderful remarks at **CODSOFT** from 05/06/2024 to 05/07/2024.
We were truly amazed by his/her showcased skills and invaluable contributions to the tasks and projects throughout the internship.

Founder

contact@codsoft.in www.codsoft.in Date: 08/07/2024

भारत सरकार
Government of India
इलेक्ट्रॉनिकी और सूचना प्रौद्योगिकी मंत्रालय
Ministry of Electronics & Information Technology
इलेक्ट्रॉनिक्स निकेतन, 6,सी जी ओ कॉम्प्लेक्स, नई दिल्ली-110003
Electronics Niketan, 6, C G O Complex, New Delhi-110003
Website: www.meity.gov.in

संख्या No. P-15017(2)/2024-Personnel

दिनांक Date 01.11.2024

CERTIFICATE OF COMPLETION OF INTERNSHIP

This is to certify that **Shri Shubha Ghosh S/o Shri Amit Kumar Ghosh**, a student of B.Tech (Electronics and Communication Engineering), Heritage Institute of Technology, West Bengal has successfully completed two (02) months internship [from 3rd June to 2nd August, 2024] under Digital India Internship Scheme 2024 of this Ministry, in the area of **Quantum Communication and Technologies.**

We wish him every success in life.

(Bhuvnesh Kumar)
Additional Secretary (Personnel)
Tel. No.: 24363114

Short Term Certified Summer Internship Training Programme

IC Design & Fabrication Centre
Department of Electronics & Tele-communication Engineering
JADAVPUR UNIVERSITY

Certified that Sri/Smt. **Soumadeep Maji** *from Heritage Institute of Technology, Kolkata, successfully completed the Short Term Certified Summer Internship Training Programme on* **"Microelectronics Technology and VLSI Design"** *organized by IC Design & Fabrication Centre, Electronics & Tele-communication Engineering Department, Jadavpur University, Kolkata – 700032 from* **26th June 2024 to 16th August 2024**. *He/she has secured* **'B+'** *grade in this course.*

Sayan Chatterjee
Prof. Sayan Chatterjee
Co-ordinator
IC Design & Fabrication Centre
Electronics & Tele-communication Engg. Dept.
Jadavpur University, Kolkata – 700032

Prof. Manotosh Biswas
Head, Department of Electronics &
Tele-communication Engineering
Jadavpur University
Kolkata – 700032

Microsoft India (R&D) Pvt. Ltd.
807, New Delhi House,
Barakhamba Road,
New Delhi-110001,
CIN No. U72200DL1998PTC093824

Microsoft

12-Jul-24

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Gargi Giri** from **Heritage Institute of Technology, Kolkata** has successfully completed her internship at **Microsoft India** in the **"Strategic Missions and Technologies"** team from **20-May-24** to **12-Jul-24**.

We wish her all the best in her future endeavors

Yours Sincerely,
For Microsoft India (R&D) Pvt. Ltd.

Daniel Picardo
C&B Leader, India

ZIDIO DEVELOPMENT

Certificate

OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

Mousumi Sinha

This certificate proudly recognizes for successfully completing the **Web Development** internship program at **Zidio Development** from **20-06-2024** to **20-07-2024**, Your efforts have left a lasting impact, and we commend your commitment to excellence and professional growth.

30/07/2024 *zidio/01123*

Government of India
Ministry of Electronics & Information Technology

Electronics Regional Test Laboratory (East)

DN - 63, Sector - V, Salt Lake City, Kolkata 700 091

Certificate No. : STQC/ERTL (KOL)/TRG-P/VOC.TRG/2024/003

This is to certify that ***Ms. Neha Nayak****, B.Tech. 3rd Year student of Electronics & Communication Engineering,* ***Heritage Institute of Technology, Kolkata*** *has undergone vocational internship at ERTL (East), Kolkata from* ***10th June, 2024 to 05th July, 2024.***

*During the period, she has completed a project on "****Artificial Intelligence and Cyber Security****".*

We wish her all success in life.

Training Coordinator

STQC

Director 9/8/24

Skill India | N·S·D·C

CERTIFICATE

This is to certify that

Ms./Mr. NIRAJ CHOUDHARY

Son/Daughter of RAVI CHANDRA CHOUDHARY Student ID CAN_32146823

has successfully completed the VLSI DESIGN Course

with Grade A from SCHOLIVERSE EDUCARE PRIVATE LIMITED

Date of Issuance: 27th July 2024

Issued by

Sarvesh Madhu Agrawal
Founder & CEO
SCHOLIVERSE EDUCARE PRIVATE LIMITED

CERTIFICATE

OF COMPLETION

This certificate is proudly presented to:

Samit Bhattacharjee

has successfully completed an internship at **Converra** from 10th June,2024 to 10th September,2024.
During this period, Ritam has demonstrated a high level of dedication, professionalism, and skill in performing assigned tasks and responsibilities.

Aditya Dhanraj
Co-founder and CEO

Aryan Singh
Co-founder and CTO

Government of India
Ministry of Electronics & Information Technology

Electronics Regional Test Laboratory (East)

DN - 63, Sector - V, Salt Lake City, Kolkata - 700 091

Certificate No. : STQC/ERTL (KOL)/TRG-P/VOC.TRG/2024/002

This is to certify that ***Ms. Antara Adhikari****, B.Tech, 3rd Year student of Electronics & Communication Engineering,* ***Heritage Institute of Technology, Kolkata*** *has undergone vocational internship at ERTL (East), Kolkata from* ***10th June, 2024 to 05th July, 2024.***

*During the period, she has completed a project on "****Calibration of Opto-Electronic and Non Electrical Parameters****".*

We wish her all success in life.

Training Coordinator

STQC

Director

C.ID: 05f4987

CodSoft

CERTIFICATE

OF COMPLETION
PROUDLY PRESENTED TO

Piyush kumar

has successfully completed 4 weeks of a virtual internship program in
Web Development
with wonderful remarks at **CODSOFT** from 20/05/2024 to 20/06/2024.

We were truly amazed by his/her showcased skills and invaluable contributions to the tasks and projects throughout the internship.

Founder

contact@codsoft.in www.codsoft.in Date: 24/06/2024

INTERNSHALA TRAININGS

Certificate of Training

Preeti Kumari

from Heritage Institute of Technology has successfully completed an 8-week online training on Web Development. The training consisted of HTML, CSS, Bootstrap, DBMS, PHP, JS, React, Final Project, and AI in Web Development modules.

Preeti Kumari scored 100% marks in the final assessment and is a top performer in the training.

We wish Preeti Kumari all the best for future endeavours.

Sarvesh Agrawal
FOUNDER & CEO, INTERNSHALA

Date of certification: 2024-07-23 Certificate no. : fcryw7wl46x

For certificate authentication, please visit https://trainings.internshala.com/verify_certificate

क्रम सं. / Sl.No.:

तारीख / Date: 18-7-24

भारतीय अंतरिक्ष विज्ञान एवं प्रौद्योगिकी संस्थान
Indian Institute of Space Science and Technology

वि.अ. आयोग अधिनियम 1956 की धारा 3 के अधीन मानित विश्वविद्यालय प्रोषित/Declared as Deemed to be University under section 3 of the UGC Act, 1956

अंतरिक्ष विभाग, भारत सरकार के तहत स्वायत्त संस्थान /An autonomous institute under Department of Space, Govt. of India

वलियमला, तिरुवनंतपुरम - 695547, केरल / Vallamala, Thiruvananthapuram 695547, Kerala

प्रशिक्षुता प्रमाणपत्र / INTERNSHIP CERTIFICATE

यह प्रमाणित किया जाता है कि सुश्री पृथ्वीशा गुप्ता

ने अपना ऐन्टेना डिज़ाइन फॉर स्मॉल सैटलाइट ऐप्लिकेशन्स

शीर्षक ग्रीष्मकालीन प्रशिक्षुता कार्यक्रम मई 19, 2024 से जुलाई 18, 2024 तक की अवधि के दौरान भारतीय अंतरिक्ष विज्ञान एवं प्रौद्योगिकी संस्थान

के एविओनिकी विभाग में डॉ. चिन्मय साहा के मार्गदर्शन में सफलतापूर्वक पूरा किया

This is to certify that PRITHVISHA GUPTA

has successfully completed his/her summer internship programme

titled ANTENNA DESIGN FOR SMALL SATELLITE APPLICATIONS under the

guidance of Dr. CHINMOY SAHA in the Department of AVIONICS

Indian Institute of Space Science and Technology, Thiruvananthapuram during the period MAY 19th 2024 to JULY 18th 2024

ज्ञानगुरु
Mentor

विभागाध्यक्ष
HoD

प्रोफ. राजु के. जॉर्ज / Prof. Raju K. George
डीन - छात्र गतिविधियां / छात्र कल्याण / बहिरंग कार्यक्रम
Dean SA, SW & Outreach

INTERNSHALA TRAININGS

Certificate of Training

Priyotosh Ghosh

from HERITAGE INSTITUTE OF TECHNOLOGY,KOLKATA has successfully completed a 6-week online training on **Programming with Python**. The training consisted of Introduction to Python, Using Variables in Python, Basics of Programming in Python, Principles of Object-oriented Programming (OOP), Connecting to SQLite Database, Developing a GUI with PyQT, Application of Python in Various Disciplines, The Final Project, and AI in Programming with Python modules.

Priyotosh scored 90% marks in the final assessment and is a top performer in the training.

We wish Priyotosh all the best for future endeavours.

Sarvesh Agrawal
FOUNDER & CEO, INTERNSHALA

Date of certification: 2024-06-09

Certificate no. : 8ify1bxjbua

For certificate authentication, please visit https://trainings.internshala.com/verify_certificate

InternPe

INTERNSHIP COMPLETION CERTIFICATE

IPI#25378

To whomever it may concern

Dear RAJOSRI SRIMANI,

This is to certify that you worked as an Intern in our company from **03-June-2024 to 30-June-2024.**

Please find the internship details below:

Company Name: InternPe
Domain: Web Development
Designation: Intern

During their working period, we found him/her to be a sincere and dedicated intern with a professional attitude and very good knowledge of the job.

We thank him/her for their efforts and contribution and wish him/her the best in future endeavors.

Yours Sincerely

(Co-Founder)
InternPe

Sl. No: SUMMER/2024/V179

West Bengal State Electricity Distribution Company Limited

(A Government of West Bengal Enterprise)

WBSEDCL

HUMAN RESOURCE DEVELOPMENT DEPARTMENT

OFFICE OF THE GENERAL MANAGER (HRD&TRG)

Vocational Training Certificate

1. Name of the Trainee : *RISHU RAJ*
2. Name of the Institute : Heritage Institute of Technology
3. Stream : EE ☐ E&IE ☐ ME ☐ Civil ☐ CSE ☐ IT ☐ ETC ☐ I&C ☐ ECE ☑
4. Period of Training : From 10.06.2024 To 26.06.2024
5. Training under Control of : Divisional Manager : Garia Division, WBSEDCL
6. Nature of Training : Operation & Maintenance activities of Line & Sub Station upto 33/11 KV system of WBSEDCL

REMARKS

a) Conduct : Excellent ☐ Very Good ☐ Good ☑ Satisfactory ☐

b) Work : Excellent ☐ Very Good ☑ Good ☐ Satisfactory ☐

c) Progress of Training : Excellent ☐ Very Good ☐ Good ☑ Satisfactory ☐

Adak

Authorised Signatory
[With seal]
Addl. Chief Engineer
H.R.D.D. W.B.S.E.D.C.L.
Bidyut Bhavan (5th Floor) D. Block
Bidhannagar, Kolkata-700091

Place : *Kolkata*

Date : 12.08.2024

WBSEDCL

C.ID: 31f56d0

CodSoft

CERTIFICATE

OF COMPLETION
PROUDLY PRESENTED TO

Sachin Kumar Sharma

has successfully completed 4 weeks of a virtual internship program in
Web Development
with wonderful remarks at **CODSOFT** from 10/06/2024 to 10/07/2024.

We were truly amazed by his/her showcased skills and invaluable contributions to the tasks and projects throughout the internship.

Founder

contact@codsoft.in www.codsoft.in Date: 13/07/2024

Industrial Training Certificate

ARDENT COMPUTECH PVT. LTD.

Ardent Verified

This certificate is awarded to

SAHELI SAMAJPATI

of

HERITAGE INSTITUTE OF TECHNOLOGY, KOLKATA

for successfully completing the **Industrial Training** on

CLOUD BASED FULL STACK DEVELOPMENT WITH AI & ML INTEGRATION USING MERN

from

04-06-2024 to 04-07-2024

and implementing the project titled

JOB APPLICATION

Certificate ID: ARDENT/103834
Issue Date: 04-07-2024

Microsoft Technology Associate

AUTODESK

Director Technology Services

Director Operations

CERTIFICATE OF COMPLETION

July 02, 2024

Sanjana Kaity

Salesforce Developer Virtual Internship

During the 8 Weeks period of Virtual Internship (**May-June 2024**), Sanjana Kaity has completed the following Salesforce Trailhead modules

Salesforce Fundamentals
Organizational Setup
Relationship & Process Automation
Types Of Flows & Security
Apex, Testing & Debugging
VS Code Setup & CLI Setup
Lightning Web Components (LWC) & API

Super Badge - Apex Specialist
Super Badge - Process Automation Specialist
Super Badge - Developer Super Set

Certificate ID : SISFVIPAD2024-2362 | Verify this certificate@ https://skillwallet.smartinternz.com/internships/salesforce_certificates/92049debbe686ca5782a3045cf300a3c

Shri Buddha Chandrasekar
Chief Coordinating Officer(CCO),
NEAT Cell-AICTE

Mr Amarender Katkam
Founder & CEO, SmartBridge &
SmartInternz

CERTIFICATE OF COMPLETION

July 16, 2024

Kushal Nandi

Salesforce Developer Virtual Internship

During the 8 Weeks period of Virtual Internship (**May-June 2024**), Kushal Nandi has completed the following Salesforce Trailhead modules

Salesforce Fundamentals
Organizational Setup
Relationship & Process Automation
Types Of Flows & Security
Apex, Testing & Debugging
VS Code Setup & CLI Setup
Lightning Web Components (LWC) & API

Super Badge - Apex Specialist
Super Badge - Process Automation Specialist
Super Badge - Developer Super Set

Certificate ID: SISFVIPAD2024-3689 | Verify this certificate @ https://skillwallet.smartinternz.com/internships/salesforce_certificates/39ea40e164f970c54b0530436d5a9f7a

Shri Buddha Chandrasekar
Chief Coordinating Officer(CCO),
NEAT Cell-AICTE

Mr Amarender Katkam
Founder & CEO, SmartBridge &
SmartInternz

CERTIFICATE OF COMPLETION

July 02, 2024

Manisha Bose

Salesforce Developer Virtual Internship

During the 8 Weeks period of Virtual Internship (**May-June 2024**), Manisha Bose has completed the following Salesforce Trailhead modules

Salesforce Fundamentals
Organizational Setup
Relationship & Process Automation
Types Of Flows & Security
Apex, Testing & Debugging
VS Code Setup & CLI Setup
Lightning Web Components (LWC) & API

Super Badge - Apex Specialist
Super Badge - Process Automation Specialist
Super Badge - Developer Super Set

Certificate ID: SISFVIPAD2024-2351 | Verify this certificate @ https://skillwallet.smartinternz.com/internships/salesforce_certificates/0abdc563a06105acc3c6136871c9f4d1

Shri Buddha Chandraseker

Chief Coordinating Officer(COO), NEAT Cell-AICTE

Mr Amarender Katkam

Founder & CEO, SmartBridge & SmartInterns

CERTIFICATE OF COMPLETION

July 02, 2024

Eshika Das

Salesforce Developer Virtual Internship

During the 8 Weeks period of Virtual Internship (**May-June 2024**), Eshika Das has completed the following Salesforce Trailhead modules

Salesforce Fundamentals
Organizational Setup
Relationship & Process Automation
Types Of Flows & Security
Apex, Testing & Debugging
VS Code Setup & CLI Setup
Lightning Web Components (LWC) & API

Super Badge - Apex Specialist
Super Badge - Process Automation Specialist
Super Badge - Developer Super Set

Certificate ID: SISFVIPAD2024-2350 | Verify this certificate @ https://skillwallet.smartinternz.com/internships/salesforce_certificates/326a8c055c0d04f5b06544665d8bb3ea

Shri Buddha Chandraseker

Chief Coordinating Officer(COO), NEAT Cell-AICTE

Mr Amarender Katkam

Founder & CEO, SmartBridge & SmartInterns

Industrial Training Certificate

ARDENT COMPUTECH PVT. LTD.
High-End Technology Training and Project

Ardent Verified

This certificate is awarded to

SAMRAT CHAKRABORTY

of

HERITAGE INSTITUTE OF TECNOLOGY, KOLKATA

for successfully completing the **Industrial Training** on

DATA SCIENCE, ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING USING PYTHON

from

06-06-2024 to 06-07-2024

and implementing the project titled

IMAGE CLASSIFICATION USING CONVOLUTIONAL NEURAL NETWORK

Certificate ID: ARDENT/109729
Issue Date: 06-07-2024

Microsoft Technology Associate

AUTODESK

MSME

Director
Technology Services

Director
Operations

भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

INTERNSHIP COMPLETION CERTIFICATE

This is to certify that ***Mr. Saumodip Das*** from the ***Heritage Institute of Technology, Kolkata*** has successfully completed his summer internship on the topic ***"rGO/graded junction MOX based heavy metal ion sensor"*** in the ***Integrated Devices and Electronic Applications (IDEA) Lab*** under the supervision of ***Dr. Sayan Dey***. The duration of this internship was from ***6th May 2024 to 21st July 2024***. His performance during the internship was ***highly satisfactory***.

(Dr. Sayan Dey)
Assistant Professor
School of Electrical Sciences
IIT Bhubaneswar

C.ID: f76b0ec

CodSoft

CERTIFICATE

OF COMPLETION
PROUDLY PRESENTED TO

Shivam Kumar Singh

has successfully completed 4 weeks of a virtual internship program in

Java Programming

with wonderful remarks at **CODSOFT** from **25/07/2024 to 25/08/2024.**

We were truly amazed by his/her showcased skills and invaluable contributions to the tasks and projects throughout the internship.

Founder

contact@codsoft.in www.codsoft.in Date: 28/08/2024

कोलकाता मेट्रो रेल कर्पोरेशन लिमिटेड
KOLKATA METRO RAIL CORPORATION LIMITED
(A GOVERNMENT OF INDIA UNDERTAKING)
Registered Office:
KMRCL Bhavan, HRBC Office Compound, Munshi Premchand Jarani, Kolkata-700 021
Corporate Identity No. [illegible] GSTIN: [illegible]
Phone No. 033-2213-4345, 033-6607-1117, 033-6607-1119
Fax No. 033-2213-4380, Website: www.kmrc.in

KMRC

Azadi Ka Amrit Mahotsav

TO WHOM IT MAY CONCERN

It is being certified that **Chitradeep Saha**, a student of 7th semester, Department of Electronics & Communication Engineering of **Heritage Institute of Technology, Kolkata** has attended vocational training for the period of 17th June, 2024 to 28th June, 2024 in the ongoing Railway Metro Project for Construction of East - West Kolkata Metro Project.

During the said training his performance has been excellent. He has shown very good aptitude for grasping the practical aspects of construction works. We wish all the best for his future professional career.

Place: Kolkata
Date: 10th July, 2024

10/07/24
(Susanta Sarkar)
Group General Manager(S&T)
Kolkata Metro Rail Corporation Ltd.

Copy to- Shayam Sundar Rajbanshi, Heritage Institute of Technology, Kolkata

सुशान्त सरकार
Susanta Sarkar
Group General Manager (S&T)
Kolkata Metro Rail Corporation Ltd.
(A Govt. of India Undertaking)

कोलकाता मेट्रो रेल कर्पोरेशन लिमिटेड

KOLKATA METRO RAIL CORPORATION LIMITED

(A GOVERNMENT OF INDIA UNDERTAKING)

Registered Office:

KMRCL Bhavan, HRBC Office Compound, Munshi Premchand Sarani, Kolkata-700 021

Corporate Identity No. L60100WB2008GOI127338, GSTIN: 19AADCK3113D1ZH

Phone No. 033-2214-4349, 0354607-1117, 0354607-1119

Fax No. 033-2213-4380, Website: www.kmrc.in

KMRC

Azadi Ka Amrit Mahotsav

TO WHOM IT MAY CONCERN

It is being certified that **Shayam Sundar Rajbanshi**, a student of 7th semester, Department of Electronics & Communication Engineering of **Heritage Institute of Technology, Kolkata** has attended vocational training for the period of 17th June, 2024 to 28th June, 2024 in the ongoing Railway Metro Project for Construction of East - West Kolkata Metro Project.

During the said training his performance has been excellent. He has shown very good aptitude for grasping the practical aspects of construction works. We wish all the best for his future professional career.

Place: Kolkata
Date: 10th July, 2024

(Susanta Sarkar)
Group General Manager(S&T)
Kolkata Metro Rail Corporation Ltd.

Copy to- Shayam Sundar Rajbanshi, Heritage Institute of Technology, Kolkata

सुशान्त सरकार
Susanta Sarkar
Group General Manager (S&T)
Kolkata Metro Rail Corporation Ltd
(A Govt. of India Undertaking)

CID: 2453386

CodSoft

CERTIFICATE

OF COMPLETION
PROUDLY PRESENTED TO

BIKASH KUMAR YADAV

has successfully completed a weeks of a virtual internship program in

C++ Programming

with wonderful remarks at **CODSOFT** from 05/06/2024 to 05/07/2024.

We were truly amazed by his/her showcased skills and invaluable contributions to the tasks and projects throughout the internship.

Founder

contact@codsoft.in www.codsoft.in Grace.mithani

InTernPe

InternPe

INTERNSHIP COMPLETION CERTIFICATE

IN#39084

To whomever it may concern

Dear Soumyadeep Ghosh,

This is to certify that you worked as an Intern in our company from
16-Sept-2024 to 13-Oct-2024

Please find the internship details below:

Company Name: InternPe
Domain : Web Development
Designation: Intern

During their working period, we found him/her to be a sincere and dedicated intern with a professional attitude and very good knowledge of the job.

We thank him/her for their efforts and contribution and wish him/her the best in future endeavors.

Yours Sincerely

(Co-Founder)
InternPe

C.ID: 246330e

CodSoft

CERTIFICATE

OF COMPLETION
PROUDLY PRESENTED TO

BIKASH KUMAR YADAV

has successfully completed 4 weeks of a virtual internship program in
C++ Programming
with wonderful remarks at **CODSOFT** from 05/06/2024 to 05/07/2024.
We were truly amazed by his/her showcased skills and invaluable contributions to the tasks and projects throughout the internship.

Founder

contact@codsoft.in www.codsoft.in Date: 08/07/2024

C.ID: 2b90e90

CodSoft

CERTIFICATE

OF COMPLETION
PROUDLY PRESENTED TO

Shatavisha Sain

has successfully completed 4 weeks of a virtual internship program in
Python Programming
with wonderful remarks at **CODSOFT** from 20/04/2024 to 20/05/2024.
We were truly amazed by his/her showcased skills and invaluable contributions to the tasks and projects throughout the internship.

Founder

contact@codsoft.in www.codsoft.in Date: 23/05/2024

UIITG-220309335
CERTIFICATE
OF PARTICIPATION
UDGAM
IIT GUWAHATI
THIS IS TO CERTIFY THAT
Shubham Dutta
participated in "Web Development CSS3 and HTML5" from
05th Dec, 2021 to 20th Jan, 2022 and successfully completed the program.
01-Mar-2022
Issue Date
Coincent
Academic Head

इलेक्ट्रॉनिक्स एवं वैद्युत संचार अभियांत्रिकी विभाग
भारतीय प्रौद्योगिकी संस्थान खड़गपुर
खड़गपुर - ७२१३०२, भारत
Dept. of Electronics & Electrical Communication Engineering
Indian Institute of Technology Kharagpur
Kharagpur-721 302, India

Date: 25th June, 2024
Place: Kharagpur, India

Internship Certificate

This is to certify that Mr Shubhayu Bhattacharya from Heritage Institute of Technology has successfully completed his one month summer internship at Indian Institute of Technology Kharagpur in the field of Semiconductor devices modelling from 21st may to 21st June under the supervision of **Dr Vivek Dixit - Associate Professor, Electrical Electronics and Communication Engineering Department.**

During this period he was exposed to Terahertz Schottky diode modelling and tools like silvaco and ADS and found he is diligent hardworking and inquisitive.

Wish him great success in career ahead.

Dr. Vivek Dixit
Associate Professor
Dept. of Electronics & Electrical Communication Engg.,
Indian Institute of Technology Kharagpur

C.ID: db20201

CodSoft

CERTIFICATE

OF COMPLETION
PROUDLY PRESENTED TO

Siddharth Bharti

has successfully completed 4 weeks of a virtual internship program in

Web Development
with wonderful remarks at **CODSOFT** from **25/05/2024 to 25/06/2024.**

We were truly amazed by his/her showcased skills and invaluable contributions to the tasks and projects throughout the internship.

Founder

contact@codsoft.in www.codsoft.in Date: 28/06/2024

InternPe

INTERNSHIP COMPLETION CERTIFICATE

IPI#39084

To whomever it may concern

Dear Soumyadeep Ghosh,

This is to certify that you worked as an Intern in our company from **16-Sept-2024 to 13-Oct-2024.**

Please find the internship details below:

Company Name: InternPe
Domain : Web Development
Designation: Intern

During their working period, we found him/her to be a sincere and dedicated intern with a professional attitude and very good knowledge of the job.

We thank him/her for their efforts and contribution and wish him/her the best in future endeavors.

Yours Sincerely

TATA
Forage
Inspiring and empowering future professionals
Soumyajit Saha
Cybersecurity Analyst Job Simulation
Certificate of Completion
July 22nd, 2024
Identity and access management (IAM) fundamentals
IAM strategy assessment
Crafting custom IAM solutions
Platform integration
Tom Brunskill
CEO, Co-Founder of Forage

Industrial Training Certificate
ARDENT
COMPUTECH PVT. LTD.
Ardent Verified
This certificate is awarded to
SUBARNA KHAN
of
HERITAGE INSTITUTE OF TECHNOLOGY, KOLKATA
for successfully completing the Industrial Training on
CLOUD BASED FULL STACK DEVELOPMENT WITH AI & ML INTEGRATION USING MERN
from
04-06-2024 to 04-07-2024
and implementing the project titled
JOB APPLICATION PORTAL
Certificate ID: ARDENT/109840
Issue Date: 04-07-2024
Microsoft
Technology Associate
AUTODESK
MSME
ISO
Director
Technology Services
Director
Operations

EngineerCore

Summer Internship Project Appreciation

Date: 15 July, 2024

Whom so ever I may concern

Name: **Sukanta Dutta**
College Name: **HERITAGE INSTITUTE OF TECHNOLOGY KOLKATA**
Project Name: **E-Commerce Clothing Website**

This letter explains that the above-mentioned student has completed his/her **Summer Internship Project** with our organization Engineer Core in association with our technology partner **Effervescence IIIT Allahabad** in the month of **June 2024** and **July 2024.**

During his/her tenure with us, he/she actively took responsibility for the tasks involved in the projects and tasks assigned. He/She developed a project which implicated the practical execution of the courseware.

We highly appreciate the fantastic job you have done on your Summer Internship project. Your hard work and dedication have come out with flying colors.
Our organization wishes him good luck in the future.

Sincerely,

Industrial Internship Certificate
ARDENT
COMPUTECH PVT. LTD.
N·E·A·T
Ardent Verified
This certificate is awarded to
SWARNALI MUKHERJEE
of
HERITAGE INSTITUTE OF TECHNOLOGY, KOLKATA
for successfully completing the Industrial Internship on
FULL STACK DEVELOPMENT USING SPRING CORE SPRING BOOT HIBERNATE
from
06-06-2024 to 06-07-2024
and implementing the project titled
ONLINE FOOD ORDERING SYSTEM
Certificate ID: ARDENT/110825
Issue Date: 06-07-2024
Microsoft
Technology Associate
MSME
Director
Technology Services
Director
Operations

भारतीय प्रौद्योगिकी संस्थान खड़गपुर
खड़गपुर - 721302, भारत
Indian Institute of Technology Kharagpur,
Kharagpur - 721302, INDIA

Date: 04/07/2024

To whomsoever it may concern

This is to certify that Mr. SWARNENDU SIL has worked with me during the period 29-05-2024 to 04-07-2024. The student has worked on a project/research topic entitled "Machine Learning Models for Load Balancing of SDN-based 5G Networks."

I am favourably impressed with the student's diligence, obedience, and sincerity towards work assigned to him.

It is hereby declared that the internship was not a part of the said student's academic curriculum of the institute the student studies in.

The undersigned may be contacted for further information about the intern.

Short Term Certified Summer Internship Training Programme

IC Design & Fabrication Centre
Department of Electronics & Tele-communication Engineering
JADAVPUR UNIVERSITY

Certified that Sri/Smt. **Swastika Banerjee** *from Heritage Institute of Technology, Kolkata, successfully completed the Short Term Certified Summer Internship Training Programme on* **"Microelectronics Technology and VLSI Design"** *organized by IC Design & Fabrication Centre, Electronics & Tele-communication Engineering Department, Jadavpur University, Kolkata – 700032 from* **26th June 2024 to 16th August 2024.** *He/she has secured* **'B+'** *grade in this course.*

Prof. Sayan Chatterjee
Co-ordinator
IC Design & Fabrication Centre
Electronics & Tele-communication Engg. Dept.
Jadavpur University, Kolkata – 700032

Prof. Manotosh Biswas
Head, Department of Electronics &
Tele-communication Engineering
Jadavpur University
Kolkata – 700032

C.ID: ec55be6

CodSoft

CERTIFICATE

OF COMPLETION
PROUDLY PRESENTED TO

Tanay Kumar

has successfully completed 4 weeks of a virtual internship program in
C++ Programming
with wonderful remarks at **CODSOFT** from 10/06/2024 to 10/07/2024.

We were truly amazed by his/her showcased skills and invaluable contributions to the tasks and projects throughout the internship.

Founder

contact@codsoft.in www.codsoft.in Date: 03/08/2024

Sl. No. ES/24-25/006

ISO 9001 : 2015
OHSAS 18001 : 2007
ISO 14001 : 2015
ISO 21001 : 2018

MSME TOOL ROOM - KOLKATA

Central Tool Room & Training Centre

UNDER MINISTRY OF MSME, GOVT. OF INDIA

BONHOOGHLY INDUSTRIAL AREA, KOLKATA - 700 108

This is to certify that

Mr. / Ms. TANMOY SANTRA

Son / Daughter of TARAPADA SANTRA

has successfully completed the Course

EMBEDDED SYSTEM

The course comprises the following subjects

1. BASICS OF MICROPROCESSOR & MICROCONTROLLER.
2. INTRODUCTION TO EMBEDDED SYSTEM.
3. INTRODUCTION TO ARM-7 ARCHITECTURE & FEATURES.
4. MICROCONTROLLER PROGRAMMING USING EMBEDDED C.
5. INTERFACING OF INTERNAL PERIPHERALS WITH LPC-2148.
6. INTERFACING OF EXTERNAL PERIPHERALS WITH LPC-2148.

Industrial Internship Certificate
ARDENT
COMPUTECH PVT. LTD.
N·E·A·T
Ardent Verified
This certificate is awarded to
PRADEEPTA PAL CHOUDHURY
of
HERITAGE INSTITUTE OF TECHNOLOGY, KOLKATA
for successfully completing the Industrial Internship on
DATA SCIENCE, ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING USING PYTHON
from
06-06-2024 to 06-07-2024
and implementing the project titled
GOLD PRICE PREDICTION
Certificate ID: ARDENT/109957
Issue Date: 06-07-2024
Microsoft
Technology Associate
MSME
Director
Technology Services
Director
Operations

INTERNSHALA TRAININGS
Certificate of Training
Devojyoti Chaki
from Heritage Institute of Technology, Kolkata has successfully completed a 6-week online training on VLSI Design. The training consisted of introduction to VLSI, HDL Coding Concepts, Combinational Circuits, Sequential Circuit Design, Finite State Machines, System Design using FPGA, and Case Studies & Final Project modules.
We wish Devojyoti all the best for future endeavours.
Sarvesh Agrawal
FOUNDER & CEO, INTERNSHALA
PRAVARTAK
Dr. Shankar Raman
CEO, IITM PRAVARTAK TECHNOLOGIES FOUNDATION
Date of certification: 2024-08-12
Certificate no. : gpxd5fnctor
For certificate authentication, please visit https://trainings.internshala.com/verify_certificate

INTERNSHALA TRAININGS

Certificate of Training

Ruchi Kumari

from Heritage Institute of Technology has successfully completed a 6-week online training on **VLSI Design**. The training consisted of Introduction to VLSI, HDL Coding Concepts, Combinational Circuits, Sequential Circuit Design, Finite State Machines, System Design using FPGA, and Case Studies & Final Project modules.
In the final assessment, Ruchi scored 72% marks.
We wish Ruchi all the best for future endeavours.

Sarvesh Agrawal
FOUNDER & CEO, INTERNSHALA

Dr. Shankar Raman
CEO, IITM PRAVARTAK TECHNOLOGIES FOUNDATION

Date of certification: 2024-07-09 Certificate no.: 89d9563aip

For certificate authentication, please visit https://trainings.internshala.com/verify_certificate

INTERNSHALA TRAININGS

Certificate of Training

Md Nesar Ansari

from Heritage Institute of Technology has successfully completed a 6-week online training on **VLSI Design**. The training consisted of Introduction to VLSI, HDL Coding Concepts, Combinational Circuits, Sequential Circuit Design, Finite State Machines, System Design using FPGA, and Case Studies & Final Project modules.
In the final assessment, Md Nesar scored 84% marks.
We wish Md Nesar all the best for future endeavours.

Sarvesh Agrawal
FOUNDER & CEO, INTERNSHALA

Dr. Shankar Raman
CEO, IITM PRAVARTAK TECHNOLOGIES FOUNDATION

Date of certification: 2024-07-23 Certificate no.: 7on5n4t5qco

For certificate authentication, please visit https://trainings.internshala.com/verify_certificate

YHills

SSI SMART SWIFT EDUCATIONAL

CERTIFICATE

OF INTERNSHIP COMPLETION

CERTIFIED

Proudly Presented To

ARCHI SAHA

has successfully completed the Internship

from 01-Jun-2024 to 30-Aug-2024 in Web Development at YHills.

Scan to verify

YHILLS EDUTECH PRIVATE LIMITED

Aman Kumar
Founder & CEO

YHILLS EDUTECH PRIVATE LIMITED

Pawan Kr. Rishu
Founder & COO

C.ID: eba84de

CodSoft

CERTIFICATE

OF COMPLETION
PROUDLY PRESENTED TO

MD FARDIN

has successfully completed 4 weeks of a virtual internship program in
Web Development
with wonderful remarks at **CODSOFT** from 20/07/2024 to 20/08/2024.

We were truly amazed by his/her showcased skills and invaluable contributions to the tasks and projects throughout the internship.

Founder

CERTIFIED ISO 9001:2015 COMPANY

MSME

contact@codsoft.in www.codsoft.in Date: 23/08/2024

INTERNSHALA TRAININGS

Certificate of Training

Yeeshu Vishwas

from Heritage Institute of Technology has successfully completed an 8-week online training on Web Development. The training consisted of HTML, CSS, Bootstrap, DBMS, PHP, JS, React, Final Project, and AI in Web Development modules.

Yeeshu scored 91% marks in the final assessment and is a top performer in the training.

We wish Yeeshu all the best for future endeavours.

Sarvesh Agrawal

FOUNDER & CEO, INTERNSHALA

Date of certification: 2024-07-22

Certificate no. : amuz7b8zgvc

For certificate authentication, please visit https://trainings.internshala.com/verify_certificate