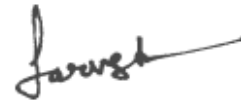


# Certificate of Training

**Abdul Karim Middya**

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

In the final assessment, Abdul scored 86% marks.  
We wish Abdul all the best for future endeavours.



**Sarvesh Agarwal**  
FOUNDER & CEO, INTERNSHALA

Date of certification: 2021-09-22

Certificate no. : 87DAA70C-330E-4DEE-9BD1-7EBF52AB1938

For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)



# HR BUDDYS

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23 September 2021

## CERTIFICATE FOR INTERNSHIP

### To Whomsoever It May Concern

This is to certify that Abhineet Deep, a student of B-Tech (AEIE), Heritage Institute of Technology, Kolkata was a part of our company as a "Web Development" intern from 25 August 2021 to 23 September 2021.

During this period, we found him to be hardworking, punctual and inquisitive.

We wish him all the best for his future endeavors.

Sincere Regards  
For HR Buddys

AYRAMA SAHAY  
Managing Director

For HR BUDDYS

Proprietor

---

193-B, LAXMI NAGAR, NEW DELHI – 110092

Contact Number- +918826203623

admin@hrbuddys.com



# INDIAN INSTITUTE OF TECHNOLOGY INDORE

(An autonomous institute under the Ministry of Education, Government of India)

## e-CERTIFICATE

This is to certify that Mr. Abir Ali Khan has successfully completed the “Online Internship for the Undergraduate Students” with IIT Indore Faculty Mentor Dr. Saurabh Das, Department of Astronomy, Astrophysics and Space Engineering, from 16-Aug-2021 to 15-Sep-2021. He has worked on the area entitled “IoT and Android”.

*S. Das*

Dr. Saurabh Das  
IIT Indore Faculty Mentor

Professor Anand Parey  
Dean, Resources Generation



# Certificate of Completion

This is to certify that Mr./Ms. Ahana Dasgupta, a student of Heritage Institute of Technology has scored 33 marks out of 50 and successfully completed the 1 Month training on Web Development.

26/09/2021

Date

A handwritten signature in black ink, appearing to be "Rahul Singh".

Rahul Singh  
Mentor, Bolt IoT

A handwritten signature in black ink, appearing to be "Pranav Pai Vernekar".

Pranav Pai Vernekar  
CEO, Bolt IoT



To verify this certificate, please e-mail to [support@boltiot.com](mailto:support@boltiot.com) with the code below:

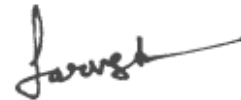
637B63A26BEC54044F7793666876AC

# Certificate of Training

**Akash Mondal**

from Heritage Institute Of Technology has successfully completed an 8-week online training on **PCB Design**. The training consisted of Introduction to Autodesk Eagle, Project 1 - ASTABLE 555 Timer, Warnings and Layers, Project 2 - Shift Register 74595 LED Controller, Special and Miscellaneous Topics, Case Study, and Final Project modules.

We wish Akash all the best for future endeavours.



**Sarvesh Agarwal**  
FOUNDER & CEO, INTERNSHALA

Date of certification: 2021-09-29

Certificate no. : 61ED5869-4174-DA1B-A575-31E03B540EC3

For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)

# INDUSTRIAL INTERNSHIP CERTIFICATE



This certificate is awarded to

**ANIKET BHAUMIK**

of

**HERITAGE INSTITUTE OF TECHNOLOGY**

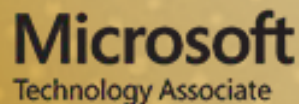
for successfully completing the Industrial Internship on

**DATA SCIENCE AND MACHINE LEARNING USING PYTHON**

from 31/Aug/2021 to 30/Sep/2021

and implementing the project titled

**BITCOIN PRICE PREDICTION**



N·E·A·T  
प्रौद्योगिकी के लिए राष्ट्रीय वैश्विक सहयोग  
National Educational Alliance for Technology

Director  
Technology Services

Director  
Operations

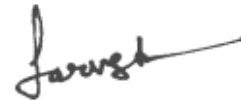
# Certificate of Training

**Antarik Banerjee**

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, and The Final Project modules.

In the final assessment, Antarik scored 83% marks.

We wish Antarik all the best for future endeavours.



**Sarvesh Agarwal**

FOUNDER & CEO, INTERNSHALA

Date of certification: 2022-02-22

Certificate no. : B31FE34D-9F04-DF23-14D8-25509368D053

For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)



# Certificate of Achievement

## INTERNSHIP CERTIFICATE

This is to certify that **Antoreep ghatak** student of electronics and instrumentation 4<sup>th</sup> Year 7<sup>th</sup> semester of **Heritage Institute of Technology** has successfully completed his 6 weeks Internship program during the period 21<sup>st</sup> August 2021 – 4<sup>th</sup> October 2021.

He has undergone his Internship on **Machine Learning Using Python** and completed a project on **Face Recognition**. All the criteria needed for completion of the Internship were successfully fulfilled by him.

I do hereby certify his work to be appropriate and to the best of my knowledge.



*Date : 7<sup>th</sup> October 2021*

*Place : Salt Lake City*



*N. Prasad.*  

---

*Head Of  
Academic Council*



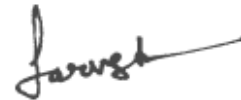
# Certificate of Training

**Anubhab Kumar Das**

from Heritage Institute of Technology has successfully completed a 6-week online training on **Robotic Process Automation**. The training consisted of Introduction to RPA, The UiPath Platform & Studio, Tech Primer, Build Your First Robot, Build Your Second Robot, RPA Deployment, and Final Training Project modules.

In the final assessment, Anubhab Kumar scored 70% marks.

We wish Anubhab Kumar all the best for future endeavours.



**Sarvesh Agarwal**

FOUNDER & CEO, INTERNSHALA

Date of certification: 2021-09-23      Certificate no. : C8AC9FFA-3D3A-51AF-0C10-89B4E8CA248C

For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)

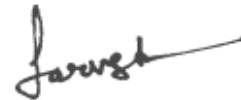
# Certificate of Training

**Aritra Das**

from Heritage Institute Of Technology, has successfully completed an 8-week online training on **PCB Design**. The training consisted of Introduction to Autodesk Eagle, Project 1 - ASTABLE 555 Timer, Warnings and Layers, Project 2 - Shift Register 74595 LED Controller, Special and Miscellaneous Topics, Case Study and Final Project modules.

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

We wish Aritra all the best for the future endeavours.



**Sarvesh Agarwal**

FOUNDER & CEO, INTERNSHALA

Date of certification: 2021-09-14

Certificate no. : C370F80A-0DA6-094D-E9E7-A41B85EADBDO

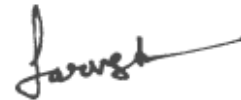
For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)

# Certificate of Training

**Aritra Mondal**

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, and The Final Project modules.

We wish Aritra all the best for future endeavours.



**Sarvesh Agarwal**  
FOUNDER & CEO, INTERNSHALA

Date of certification: 2021-12-30

Certificate no. : FE307B77-E78C-EA3F-4D0F-1B71AD5B3E2A

For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)



# CERTIFICATE

## OF COMPLETION

—◆ This is to certify that ◆—

Certificate Id : DT21080051

# *Arnab Dutta*

has successfully completed two weeks instructor-led online training on

## *Data Science, Machine Learning and AI using Python*

conducted by Diginique TechLabs in association with Advitiya IIT Ropar  
from 30/08/2021 to 11/09/2021

We wish you all the success in your future endeavors.

Sudhir Chaudhary  
CEO  
Diginique TechLabs

Ritesh Chaudhari  
Overall Coordinator  
Advitiya IIT Ropar

Sept 12, 2021

Date

Verify the authenticity of this certificate at [www.diginique.com](http://www.diginique.com).

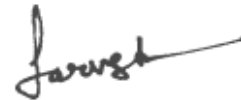
# Certificate of Training

**Avijit Prasad Sharma**

from Heritage Institute Of Technology, Kolkata has successfully completed a 6-week online training on **Data Science**. The training consisted of Introduction to Data Science, Python for Data Science, Understanding the Statistics for Data Science, Predictive Modeling and Basics of Machine Learning, and The Final Project modules.

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

We wish Avijit Prasad all the best for future endeavours.



**Sarvesh Agarwal**

FOUNDER & CEO, INTERNSHALA

Date of certification: 2021-09-27

Certificate no. : 99722216-FABF-8856-BFCA-6AC6F1EE5BC4

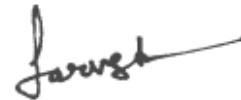
For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)

# Certificate of Training

**Ayushi Ghosh**

from Heritage Institute Of Technology has successfully completed a 6-week online training on **Machine Learning**. The training consisted of Introduction to Machine Learning, Data, Introduction to Python, Data Exploration and Pre-processing, Linear Regression, Introduction to Dimensionality Reduction, Logistic Regression, Decision Tree, Ensemble Models, and Clustering (Unsupervised Learning) modules.

We wish Ayushi all the best for future endeavours.



**Sarvesh Agarwal**

FOUNDER & CEO, INTERNSHALA

Date of certification: 2021-09-30

Certificate no. : 9642CAB3-95EF-FA77-8FB5-1822F6D3E4CE

For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)



# CERTIFICATE OF COMPLETION

Presented to

**Barshan Roy**

For successfully completing a free online course  
Data Science Foundations

Provided by

**Great Learning Academy**

(On November 2021)



**HRD:108:10005197**

**03-Aug-2021**

**TO WHOM IT MAY CONCERN**

This is to certify that Mr. Bishal Mondal, a 3rd year B.Tech. student of Heritage Institute of Technology, underwent Summer Training & Internship in Distribution Automation of CESC Limited from 01-JUNE-21 to 01-JULY-21.

During the period of training his conduct was good and progress was satisfactory.

A handwritten signature in blue ink, appearing to be "Sru", with a horizontal line underneath.

Dy. General Manager





# INDUSTRIAL TRAINING CERTIFICATE

This certificate is awarded to

**DIPTARUP MUKHERJEE**

of

**HERITAGE INSTITUTE OF TECHNOLOGY**

for successfully completing the Industrial Training on

**DATA SCIENCE AND MACHINE LEARNING USING PYTHON**

from 31/Aug/2021 to 30/Sep/2021

and implementing the project titled

**RESTAURANTS RECOMMENDATION SYSTEM USING CONTENT BASED FILTERING TECHNIQUE**



**Microsoft**  
Technology Associate



Director  
Technology Services



Director  
Operations

# PLASTIC INDUSTRIES



238, ROY BAHADUR ROAD  
KOLKATA - 700 053 Ph : 2488 9451

Ref No.

Date : 2.10.21

## Certificate of Completion

Awarded to  
Drishti Kanol

From Applied Electronics and Instrumentation  
Department of Heritage Institute of Technology  
Kolkata

For successfully completing one month internship  
from 6<sup>th</sup> September to 1<sup>st</sup> October 2021; Putting  
in more than 60 hours as a part-time intern;  
understanding how the machinery works and  
assisting with new Projects.

PLASTIC INDUSTRIES

*Debash Agard*

Proprietor



# CERTIFICATE INTERNSHIP

*This is to certify that*

**Gautam Kumar**

*has successfully completed Remote Internship*

*for 45 hours in project titled*

***Self Check-In App for Hotel Customers***

*by TCS iON from 29 Aug 2021 to 29 Sep 2021.*

**TCS iON REMOTE INTERNSHIPS**

Academic Credits with Industry Mentors

Cert. ID.: 436-19112855-1016

Dated: 29 Sep 2021



*Mehul Mehta*

**Mehul Mehta**

*Global Delivery Head - TCS iON,  
Tata Consultancy Services*

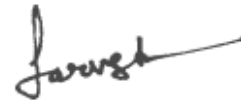
# Certificate of Training

**Gohil Roy**

from Heritage Institute of Technology, has successfully completed an 8-week online training on **PCB Design**. The training consisted of Introduction to Autodesk Eagle, Project 1 - ASTABLE 555 Timer, Warnings and Layers, Project 2 - Shift Register 74595 LED Controller, Special and Miscellaneous Topics, Case Study and Final Project modules.

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

We wish Gohil all the best for the future endeavours.



**Sarvesh Agarwal**

FOUNDER & CEO, INTERNSHALA

Date of certification: 2021-09-14

Certificate no. : 2A8D9029-D8F1-3BEC-2641-100528BCD03C

For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)



# CERTIFICATE INTERNSHIP

*This is to certify that*

**Harsh Ranjan Kumar**

*has successfully completed Remote Internship*

*for 45 hours in project titled*

***Self Check-In App for Hotel Customers***

*by TCS iON from 27 Aug 2021 to 28 Sep 2021.*

**TCS iON REMOTE INTERNSHIPS**

Academic Credits with Industry Mentors

Cert. ID.: 436-18545272-1016

Dated: 28 Sep 2021



*Mehul Mehta*

**Mehul Mehta**

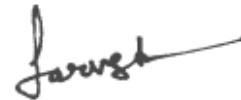
*Global Delivery Head - TCS iON,  
Tata Consultancy Services*

# Certificate of Training

**Ishika Majumder**

from Heritage Institute of Technology has successfully completed a 6-week online training on **UI/UX Design**. The training consisted of Design Basics, Design with Figma, Creating your Design System, Design a Finance App of your own, Web Design, What to do Next, and The Final Project modules.

We wish Ishika all the best for future endeavours.



**Sarvesh Agarwal**

FOUNDER & CEO, INTERNSHALA

Date of certification: 2021-10-30

Certificate no. : AB259349-3F33-1DE6-8275-3C7B41902A21

For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)

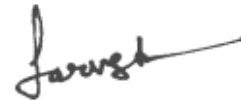
# Certificate of Training

**ISITA MONDAL**

from HERITAGE INSTITUTE OF TECHNOLOGY has successfully completed a 6-week online training on **Robotic Process Automation**. The training consisted of Introduction to RPA, The UiPath Platform & Studio, Tech Primer, Build Your First Robot, Build Your Second Robot, RPA Deployment, and Final Training Project modules.

In the final assessment, ISITA scored 49% marks.

We wish ISITA all the best for future endeavours.



**Sarvesh Agarwal**

FOUNDER & CEO, INTERNSHALA

Date of certification: 2021-09-23      Certificate no. : E626C4B0-BB69-0BDB-2E0D-D93DA0E48E0B

For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)

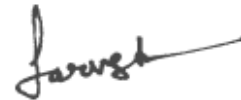
# Certificate of Training

**Jagannath Bhabak**

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

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

We wish Jagannath all the best for future endeavours.



**Sarvesh Agarwal**

FOUNDER & CEO, INTERNSHALA

Date of certification: 2021-09-22

Certificate no. : B81BA340-056F-7B92-3695-83696CDF027C

For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)



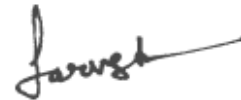
# Certificate of Training

**Kash Moulik**

from Heritage Institute of Technology, has successfully completed a 6-week online training on **React**. The training consisted of Introduction, Tic Tac Toe Game, Box Office App, Chat Application, Custom Backend and Assignment & Summary modules.

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

We wish Kash all the best for the future endeavours.



**Sarvesh Agarwal**

FOUNDER & CEO, INTERNSHALA

Date of certification: 2021-09-19

Certificate no. : 583E4D59-66E4-3097-78E7-5B208D432B91

For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)

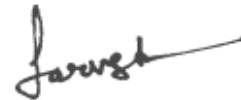
# Certificate of Training

**Kaustav Chaudhury**

from Heritage Institute of Technology has successfully completed a 6-week online training on **Data Science**. The training consisted of Introduction to Data Science, Python for Data Science, Understanding the Statistics for Data Science, Predictive Modeling and Basics of Machine Learning, and The Final Project modules.

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

We wish Kaustav all the best for future endeavours.



**Sarvesh Agarwal**

FOUNDER & CEO, INTERNSHALA

Date of certification: 2021-09-28

Certificate no. : A0301726-601F-B5E6-706B-B597FD11215B

For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)

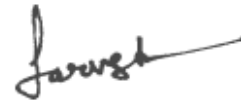
# Certificate of Training

**Kumar Harsh**

from Heritage Institute of Technology has successfully completed a 6-week online training on **Data Science**. The training consisted of Introduction to Data Science, Python for Data Science, Understanding the Statistics for Data Science, Predictive Modeling and Basics of Machine Learning, and The Final Project modules.

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

We wish Kumar all the best for future endeavours.



**Sarvesh Agarwal**

FOUNDER & CEO, INTERNSHALA

Date of certification: 2021-09-29

Certificate no. : 8C1954CD-EAE6-3753-F4AF-495D2A74A36B

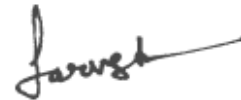
For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)

# Certificate of Training

**Maitrya Anupam**

from Heritage Institute of Technology has successfully completed a 6-week online training on **Machine Learning**. The training consisted of Introduction to Machine Learning, Data, Introduction to Python, Data Exploration and Pre-processing, Linear Regression, Introduction to Dimensionality Reduction, Logistic Regression, Decision Tree, Ensemble Models, and Clustering (Unsupervised Learning) modules.

We wish Maitrya all the best for future endeavours.



**Sarvesh Agarwal**

FOUNDER & CEO, INTERNSHALA

Date of certification: 2021-10-09

Certificate no. : 9215509C-BBF1-FB7F-41B8-E91502714482

For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)

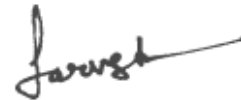
# Certificate of Training

**Manshi Raj**

from Heritage Institute of Technology, has successfully completed a 4-week online training on **Internet of Things**. The training consisted of Building an IoT Monitoring System, Controlling Devices Over the Internet, Cloud, APIs and Alerts, Machine Learning with IoT and The Final Project modules.

In the final assessment, Manshi scored 84% marks.

We wish Manshi all the best for the future endeavours.



**Sarvesh Agarwal**

FOUNDER & CEO, INTERNSHALA

Date of certification: 2021-09-18

Certificate no. : FB126590-B3B3-9F65-AF27-AD7DBE738F33

For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)



*Summer Research Fellowship Programme  
Certificate*

*This is to certify that Mr Mayukh Banerjee worked on a project entitled "Role of sensor, actuator and network in net-zero building" in online mode during June - September 2021 as a Summer Research Fellow under the supervision of Dr Anuj Kumar, Central Building Research Institute, Roorkee. The Summer Research Fellowship Programme is jointly sponsored by IASc (Bengaluru), INSA (New Delhi) and NASI (Prayagraj).*



*Place: Bengaluru  
Date: 08-10-2021*

*P. K. Das*

*Chairman, Science Education Panel*

INDIAN ACADEMY OF SCIENCES, C. V. RAMAN AVENUE, POST BOX No. 8005,  
RAMAN RESEARCH INSTITUTE CAMPUS, SADASHIVANAGAR P.O.,  
BENGALURU 560 080, INDIA

GIVEUP NOT

IT Department  
Ground Floor, Brahman Toli – Block 56  
Muzaffarpur, Bihar - 842001

info@giveupnot.com

## INTERNSHIP CERTIFICATE

TO WHOMSOEVER IT MAY  
CONCERN

Issued Date: Date: -04.10.2021

This is to certify that, MD SHAHZAD ALAM, AEIE student of Heritage Institute of Technology, Roll No: 1853076 has successfully completed his internship with Giveupnot Solutions during the period 1<sup>st</sup> September to 30<sup>th</sup> September 2021.

During this period, he handled website designing and development. In addition, he also taken care of Documentation.

During the course of internship, Shahzad has shown great amount of responsibility, sincerity and genuine willingness to learn and zeal to take on new assignments & challenges. In particular, his coordination skills and communication skills are par excellence and his attention to details is impressive.

We wish him all the very best for his future endeavours.

With

regards

Aman

Sahay

*Aman Sahay*

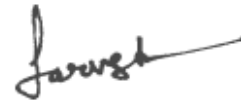


# Certificate of Training

**MITAM SAMANTA**

from Heritage Institute of Technology, has successfully completed a 6-week online training on **React**. The training consisted of Introduction, Tic Tac Toe Game, Box Office App, Chat Application, Custom Backend and Assignment & Summary modules.

We wish MITAM all the best for the future endeavours.



**Sarvesh Agarwal**

FOUNDER & CEO, INTERNSHALA

Date of certification: 2021-09-18

Certificate no. : 9AE7725E-E175-CFC1-9ED9-03C79D0867A2

For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)

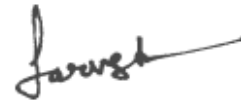


# Certificate of Training

**Parambrata Saha**

from Heritage Institute of Technology, has successfully completed a 6-week online training on **React**. The training consisted of Introduction, Tic Tac Toe Game, Box Office App, Chat Application, Custom Backend and Assignment & Summary modules.

In the final assessment, Parambrata scored 70% marks.  
We wish Parambrata all the best for the future endeavours.



**Sarvesh Agarwal**  
FOUNDER & CEO, INTERNSHALA

Date of certification: 2021-09-18

Certificate no. : 23D35460-600C-EBA1-3DF0-4EDA05CD9F61

For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)



**Livolt**  
Energy Engineering

Plot No. 509, Budhalo, P.O. Bainchua ,Bhubaneswar, Odisha - 752100  
[www.livolt.com](http://www.livolt.com)

## Internship Certificate

**This is to certify that Mr. Pranit Adhikary, Student of Heritage Institute of Technology ,has successfully completed a summer internship in the field of IoT(Industrial Automation) from August to September ,2021.**

**During the period of his internship program with us, he has been exposed to different processes and we found him diligent , hard working and inquisitive.**

**We wish him success in all his future endeavors.**

**For Livolt Private Limited**

**Managing Director**

---

**Dilip Kumar Mohanty**  
**Managing Director of Livolt Private Limited**  
**(India)**

GIVEUP NOT

IT Department  
Ground Floor, Brahman Toli – Block 56  
Muzaffarpur, Bihar - 842001

info@giveupnot.com

## INTERNSHIP CERTIFICATE

TO WHOMSOEVER IT MAY CONCERN

Issued Date: Date: - 04.10.2021

This is to certify that, **Preeti Kumari**, AEIE student of **Heritage Institute of Technology**, Roll No: **1853067** has successfully completed her internship with **Giveupnot Solutions** during the period **1<sup>st</sup> September to 30<sup>th</sup> September 2021**.

During this period, she handled **website designing and development**. In addition, she also taken care of **Documentation**.

During the course of internship, **Preeti** has shown great amount of responsibility, sincerity and a genuine willingness to learn and zeal to take on new assignments & challenges. In particular, her coordination skills and communication skills are par excellence and her attention to details is impressive.

We wish her all the very best for her future endeavours.

With regards

Aman Sahay

*Aman Sahay*

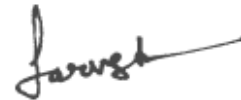


# Certificate of Training

**PRIYANKA BHOWMIK**

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

In the final assessment, PRIYANKA scored 67% marks.  
We wish PRIYANKA all the best for the future endeavours.



**Sarvesh Agarwal**  
FOUNDER & CEO, INTERNSHALA

Date of certification: 2021-09-16

Certificate no. : 4359A371-9AA8-3DB4-E10B-9140233B36D8

For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)

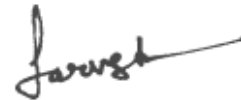
# Certificate of Training

**Puja Sharma**

from Heritage Institute of Technology has successfully completed a 6-week online training on **React**. The training consisted of Introduction, Tic Tac Toe Game, Box Office App, Chat Application, Custom Backend, and Assignment & Summary modules.

Puja is a top performer in the training.

We wish Puja all the best for future endeavours.



**Sarvesh Agarwal**

FOUNDER & CEO, INTERNSHALA

Date of certification: 2021-10-20

Certificate no. : B0249480-683E-A74A-9508-011C33553B7F

For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)

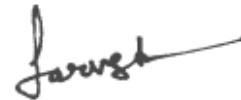
# Certificate of Training

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**Rituparna Dey**

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 and Final Project modules.

In the final assessment, Rituparna scored 48% marks.  
We wish Rituparna all the best for the future endeavours.



**Sarvesh Agarwal**  
FOUNDER & CEO, INTERNSHALA

Date of certification: 2021-09-16

Certificate no. : EC77DDE2-4B39-A15F-282F-F41AD67A91E1

For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)

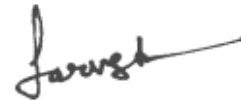
# Certificate of Training

**Sagnik Ghosh**

from Heritage Institute of Technology, has successfully completed a 6-week online training on **React**. The training consisted of Introduction, Tic Tac Toe Game, Box Office App, Chat Application, Custom Backend and Assignment & Summary modules.

Sagnik scored 94% marks in the final assessment and is a top performer in the training.

We wish Sagnik all the best for the future endeavours.



**Sarvesh Agarwal**

FOUNDER & CEO, INTERNSHALA

Date of certification: 2021-09-18

Certificate no. : F9F4CDF9-7BE1-855C-B8A5-4DA0CDAF5126

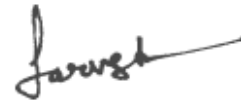
For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)

# Certificate of Training

**Sagnik Mukherjee**

from Heritage Institute of Technology, has successfully completed a 6-week online training on **Machine Learning**. The training consisted of Introduction to Machine Learning, Data, Introduction to Python, Data Exploration and Pre-processing, Linear Regression, Introduction to Dimensionality Reduction, Logistic Regression, Decision Tree, Ensemble Models and Clustering (Unsupervised Learning) modules.

We wish Sagnik all the best for the future endeavours.



**Sarvesh Agarwal**

FOUNDER & CEO, INTERNSHALA

Date of certification: 2021-09-17

Certificate no. : D224CCE8-8B04-1A0F-892A-2FA330044297

For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)



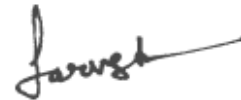
# Certificate of Training

**Saksham Singh**

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

In the final assessment, Saksham scored 53% marks.

We wish Saksham all the best for future endeavours.



**Sarvesh Agarwal**

FOUNDER & CEO, INTERNSHALA

Date of certification: 2021-11-18

Certificate no. : A79C84F9-AD11-8215-28F4-2BAF016B4FFF

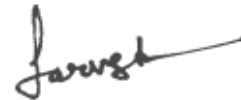
For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)

# Certificate of Training

**Samunnata Chakraborty**

from Heritage Institute of Technology has successfully completed a 6-week online training on **Machine Learning**. The training consisted of Introduction to Machine Learning, Data, Introduction to Python, Data Exploration and Pre-processing, Linear Regression, Introduction to Dimensionality Reduction, Logistic Regression, Decision Tree, Ensemble Models, and Clustering (Unsupervised Learning) modules.

We wish Samunnata all the best for future endeavours.



**Sarvesh Agarwal**

FOUNDER & CEO, INTERNSHALA

Date of certification: 2021-09-26

Certificate no. : E1C31B02-2368-6EB8-7346-01470F1BB124

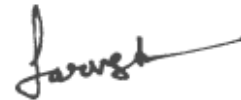
For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)

# Certificate of Training

**Sarangsha Sen**

from Heritage institute of technology, has successfully completed an 8-week online training on **PCB Design**. The training consisted of Introduction to Autodesk Eagle, Project 1 - ASTABLE 555 Timer, Warnings and Layers, Project 2 - Shift Register 74595 LED Controller, Special and Miscellaneous Topics, Case Study and Final Project modules.

In the final assessment, Sarangsha scored 82% marks.  
We wish Sarangsha all the best for the future endeavours.



**Sarvesh Agarwal**  
FOUNDER & CEO, INTERNSHALA

Date of certification: 2021-09-14

Certificate no. : BFAAE018-6746-0A04-68AB-C82F47125C50

For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)



CIN: U80904BR2013PTC020489

**Rays Edutech Private Limited**

## INTERNSHIP CERTIFICATE

### TO WHOMSOEVER IT MAY CONCERN

I hereby verify that **Satyam Prakash**, of Heritage Institute of Technology, Kolkata, Wes Bengal- B.Tech (Applied Electronics and Instrumentation Engineering) branch – identified by Roll Number **1853015**, has successfully completed his internship at Rays Edutech Private Limited (CIN: **U80904BR2013PTC020489**) from **25<sup>th</sup> AUG 2021** to **25<sup>th</sup> SEP 2021** including 72 hours of training and internship.

His primary role as an intern was to contribute in study and software development – **Web Development (Python, HTML5, CSS3, MySQL, XML and Bootstrap)**.

This letter is to certify that his work was original and his performance was found to be excellent during the course of the internship.

Wishing him best of luck for his future endeavours.

*Rahul*  
*30/09/2021*

Regards,

Rahul Kumar Singh

Director,

Rays Edutech Private Limited.





# Certificate of Completion

This is to certify that Shreyashis Seal, a student from Heritage Institute of Technology has scored 56.00% marks and successfully completed the 3 months training on HTML, CSS and JavaScript as part of the Bolt TechnoShots program.

31/10/2021

Date

A handwritten signature in black ink, appearing to be "RS", written over a horizontal line.

**Rahul Singh**  
Mentor, Bolt IoT

A handwritten signature in black ink, appearing to be "Pranav Vernekar", written over a horizontal line.

**Pranav Pai Vernekar**  
CEO, Bolt IoT



To verify this certificate, please e-mail to [support@boltiot.com](mailto:support@boltiot.com) with the code below:

PRBXVE8Q

# INDUSTRIAL INTERNSHIP CERTIFICATE



This certificate is awarded to

**SOHAM ADHIKARI**

of

**HERITAGE INSTITUTE OF TECHNOLOGY**

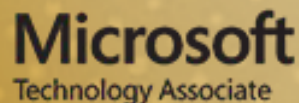
for successfully completing the Industrial Internship on

**EMBEDDED SYSTEMS AND ROBOTICS**

from 30/Aug/2021 to 01/Oct/2021

and implementing the project titled

**HEART BEAT MONITORING SYSTEM USING PULSE SENSOR**



N·E·A·T  
प्रौद्योगिकी के लिए राष्ट्रीय वैश्विक सहयोग  
National Educational Alliance for Technology

Director  
Technology Services

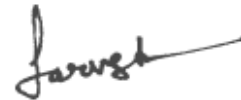
Director  
Operations

# Certificate of Training

**Soumyadeepa Bhaumik**

from Heritage Institute of Technology has successfully completed an 8-week online training on **PCB Design**. The training consisted of Introduction to Autodesk Eagle, Project 1 - ASTABLE 555 Timer, Warnings and Layers, Project 2 - Shift Register 74595 LED Controller, Special and Miscellaneous Topics, Case Study, and Final Project modules.

In the final assessment, Soumyadeepa scored 76% marks.  
We wish Soumyadeepa all the best for future endeavours.



**Sarvesh Agarwal**  
FOUNDER & CEO, INTERNSHALA

Date of certification: 2021-09-29

Certificate no. : 07EB294C-02A4-BDDD-3F14-1A2738D818F6

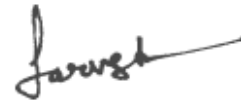
For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)

# Certificate of Training

**Sourav Sinha**

from HERITAGE INSTITUTE OF TECHNOLOGY, KOLKATA has successfully completed an 8-week online training on **Data Structures & Algorithms**. The training consisted of Introduction to Data Structures, Introduction to Algorithms, Single & Double Dimensional Arrays, Searching & Sorting, Stacks & Queues, Revision of relevant topics in C, Implementation programs of Stacks & Queues, Linear linked list, Circular linked list, Doubly linked list, Trees, and Graphs modules.

In the final assessment, Sourav scored 80% marks.  
We wish Sourav all the best for future endeavours.



**Sarvesh Agarwal**

FOUNDER & CEO, INTERNSHALA

Date of certification: 2021-09-29

Certificate no. : 2E338431-BD18-8044-C7CE-BC518E9FA3D7

For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)

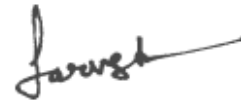


# Certificate of Training

**Souvik Das**

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, and Final Project modules.

In the final assessment, Souvik scored 86% marks.  
We wish Souvik all the best for future endeavours.



**Sarvesh Agarwal**  
FOUNDER & CEO, INTERNSHALA

Date of certification: 2021-09-23

Certificate no. : B3AC1FC3-4CF3-7B61-6244-F12C8E528C32

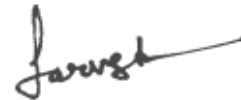
For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)

# Certificate of Training

**Spandan Roy**

from Heritage Institute of Technology has successfully completed an 8-week online training on **PCB Design**. The training consisted of Introduction to Autodesk Eagle, Project 1 - ASTABLE 555 Timer, Warnings and Layers, Project 2 - Shift Register 74595 LED Controller, Special and Miscellaneous Topics, Case Study, and Final Project modules.

In the final assessment, Spandan scored 82% marks.  
We wish Spandan all the best for future endeavours.



**Sarvesh Agarwal**  
FOUNDER & CEO, INTERNSHALA

Date of certification: 2021-09-27      Certificate no. : 5ACF0D3D-5C18-00A0-3CEC-E3323A65BF99

For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)

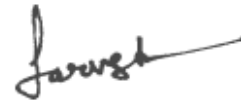
# Certificate of Training

**Srabana Maiti**

from Heritage Institute of Technology 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, and The Final Project modules.

Srabana scored 98% marks in the final assessment and is a top performer in the training.

We wish Srabana all the best for future endeavours.



**Sarvesh Agarwal**

FOUNDER & CEO, INTERNSHALA

Date of certification: 2021-09-22

Certificate no. : C2A731A8-AC85-EF47-F174-DF75452C172

For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)

# INDUSTRIAL INTERNSHIP CERTIFICATE



This certificate is awarded to

**SRIANSHA THAKKER**

of

**HERITAGE INSTITUTE OF TECHNOLOGY**

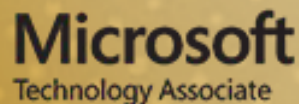
for successfully completing the Industrial Internship on

**DATA SCIENCE AND MACHINE LEARNING USING PYTHON**

from 31/Aug/2021 to 30/Sep/2021

and implementing the project titled

**BITCOIN PRICE PREDICTION**



N·E·A·T  
प्रौद्योगिकी के लिए राष्ट्रीय वैश्विक सहयोग  
National Educational Alliance for Technology

Director  
Technology Services

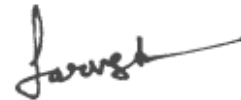
Director  
Operations

# Certificate of Training

**Swastik Supakar**

from Heritage Institute of Technology, has successfully completed a 6-week online training on **Machine Learning**. The training consisted of Introduction to Machine Learning, Data, Introduction to Python, Data Exploration and Pre-processing, Linear Regression, Introduction to Dimensionality Reduction, Logistic Regression, Decision Tree, Ensemble Models and Clustering (Unsupervised Learning) modules.

We wish Swastik all the best for the future endeavours.



**Sarvesh Agarwal**

FOUNDER & CEO, INTERNSHALA

Date of certification: 2021-09-17

Certificate no. : 5A89BD13-1329-0006-8120-BDE54199C353

For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)

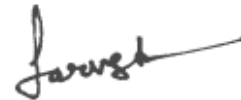
# Certificate of Training

**TADRUP DAS**

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, and Final Project modules.

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

We wish TADRUP all the best for future endeavours.



**Sarvesh Agarwal**

FOUNDER & CEO, INTERNSHALA

Date of certification: 2021-10-05

Certificate no. : 9BD0888A-1380-1117-EDDF-BCC213AA55DB

For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)



# HR BUDDYS

---

23 September 2021

## CERTIFICATE FOR INTERNSHIP

### To Whomsoever It May Concern

This is to certify that Tanmoy Saha, a student of B-Tech (AEIE), Heritage Institute of Technology, Kolkata was a part of our company as a "Web Development" intern from 25 August 2021 to 23 September 2021.

During this period, we found him to be hardworking, punctual and inquisitive.

We wish him all the best for his future endeavors.

Sincere Regards  
For HR Buddys

AYRAMA SAHAY  
Managing Director

For HR BUDDYS

Proprietor

---

193-B, LAXMI NAGAR, NEW DELHI – 110092

Contact Number- +918826203623

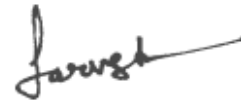
[admin@hrbuddys.com](mailto:admin@hrbuddys.com)

# Certificate of Training

**Trijeet Mullick**

from Heritage Institute of Technology, has successfully completed an 8-week online training on **PCB Design**. The training consisted of Introduction to Autodesk Eagle, Project 1 - ASTABLE 555 Timer, Warnings and Layers, Project 2 - Shift Register 74595 LED Controller, Special and Miscellaneous Topics, Case Study and Final Project modules.

In the final assessment, Trijeet scored 80% marks.  
We wish Trijeet all the best for the future endeavours.



**Sarvesh Agarwal**  
FOUNDER & CEO, INTERNSHALA

Date of certification: 2021-09-14

Certificate no. : 2309E7E0-2625-0F90-00D4-C05521913466

For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)



# INDUSTRIAL INTERNSHIP CERTIFICATE



This certificate is awarded to

**UDITANSHU SINGH**

of

**HERITAGE INSTITUTE OF TECHNOLOGY**

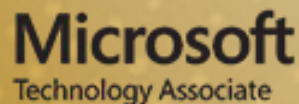
for successfully completing the Industrial Internship on

**DATA SCIENCE AND MACHINE LEARNING USING PYTHON**

from 31/Aug/2021 to 30/Sep/2021

and implementing the project titled

**BITCOIN PRICE PREDICTION**



N·E·A·T  
प्रौद्योगिकी के लिए राष्ट्रीय वैश्विक सहयोग  
National Educational Alliance for Technology

Director  
Technology Services

Director  
Operations

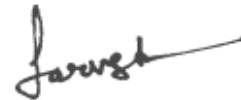
# Certificate of Training

**Utsho Mitra**

from Heritage Institute of Technology has successfully completed a 6-week online training on **Core Java**. The training consisted of Getting Started with Java, Leveraging Basic Concepts, Object Oriented Programming, and Java App Development modules.

In the final assessment, Utsho scored 73% marks.

We wish Utsho all the best for future endeavours.



**Sarvesh Agarwal**

FOUNDER & CEO, INTERNSHALA

Date of certification: 2022-01-31

Certificate no. : EA8EA296-C951-56C4-EFD1-EA81307027E1

For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)