

Fareye Technologies Pvt Ltd SDE-1

Noida, UP
10/2021 – present

- Development of routing algorithm for last mile deliveries in logistics
- Worked on Centralised Logging and Tracing in microservice architecture
- Proficient in java (springboot framework) and react based frontend development
- On infrastructure level worked on docker, kubernetes, helm

Xion Multiventures Algorithmic Trader

Gurgaon, HR
07/21 – 10/21

- Market making trading in interest rate, commodity and cryptocurrency derivatives.

PROFESSIONAL EXPERIENCE

Willings Inc

Tokyo, JP

Web Development Intern

05/2020 – 06/2020

- At Willings Inc. contributed to the development of an interactive web portal for hiring free-lancers and interns.
- Used ReactJS and Javascript with firebase on backend.

IIT Roorkee

Roorkee, Uttarakhand, IN

Undergraduate Teaching Assistant

12/2020 – 02/2021

- Worked as a teaching assistant for a course "Programming in C++ and numerical methods".
- Helped a group of 20 students to develop fundamental skills of C++, write good code and learn basic numerical methods in addition to fulfilling other responsibilities.

EDUCATION

Indian Institute of Technology Roorkee

Roorkee, U.K., IN

Bachelors in Technology in Civil Engineering (CGPA : 7.44)

07/2017 – 05/2021

Taleem ul Islam Ahmadiyya Institute Nasirabad (JKBOSE)

Kulgam, J & K, IN

XIth (86.2%)

12/2015 – 11/2016

M.E.M.S Secondary School, Ashmuji (JKBOSE)

Kulgam, J & K, IN

Xth (9.6/10)

12/2013 – 11/2014

SKILLS

Programming: C/C++, Java, OOPS, Python, SQL, web-dev

Tools: Git, Docker, Kubernetes, Excel, Linux, DBMS

Additional Courses: Data Structures and Algorithms, Neural Networks and Deep Learning, Linear Algebra for Machine Learning, Probability and Statistics

RELEVANT PROJECTS

Traffic Sign Detection using Deep Learning

IIT Roorkee

- Worked on transfer learning with Faster-RCNN Inception model, pre-trained on COCO dataset
- Used TensorFlow Object Detection API repository to implement transfer learning.

Detecting Ships from Satellite Imagery

Coursera

- Applied Python libraries to import, pre-process and visualize images. Performed data augmentation to improve model generalization capability.
- Built a deep learning model based on Convolutional Neural Network using Keras with Tensorflow 2.0 as a backend.

AWARDS

- Secured rank of 4145 (Common Rank List) in JEE Advanced 2017
- Secured rank of 4649 (Common Rank List) in JEE Mains 2017

EXTRA
CURRICULARS

Editorial Head, NSS IIT Roorkee
Senior Manager(Editorial), CEC, IIT Roorkee
Web Developer, Sangram-2019 IIT Roorkee
Executive, Student Club IITR