Aditya Kumar

844-703-5566 | adityakarn26@gmail.com | linkedin | github | portfolio

EDUCATION

Netaji Subhas University of Technology — New Delhi
Bachelor of Technology in Computer Engineering | CGPA 8.18 till 3rd Sem — *Aug. 2019 – May 2023*

Gyan Mandir Public School — New Delhi
12th CBSE Board | 95% — *Aug. 2017 – May 2018*

Gyan Mandir Public School — New Delhi
10th CBSE Board | 10 CGPA — *Aug. 2015 – May 2016*

TECHNICAL SKILLS

Languages: C/C++, Python, MySQL, JavaScript, HTML/CSS
Frameworks: React, Node.js, Flask, Keras, Tensorflow
Libraries: pandas, NumPy, Matplotlib

EXPERIENCE

Web Developer — Sep 2019 – Dec 2020
Ecell- NSIT — *NSUT, New Delhi*
- Used HTML, CSS, JS, Jquery, and Node.js as technologies to develop and maintain the main Ecell website.
- Developed the E-Summit website for 2019.
- Refactored the codebase and added new frontend functionalities.

PROJECTS

DUBookX | Deployment link | *React, Node.js, MongoDB, RazorPayAPI, ExpressJS* — Nov 2020 – Apr 2021

- * Project to join book vendors and students to buy cheap and affordable used and new books during Covid-19.
- * Developed a full-stack ecommerce web application using with Node.js and ExpressJS serving a REST API with React as the frontend
- * Integrated payments and added functionalities such as cart, authentication, etc.

Roctoid.tech | Deployment link | *Node.js, Tensorflow, Keras, SocketIO* — Jul 2020 – Sept 2020

- * Developed online multiplayer Rock paper scissors game with video call functionality using WebRTC.
- * Used CNN models using TensorFlow to classify the user's moves.
- * Collected, labelled, and maintained a custom dataset for the backend model.

Raahi | Demo link | *Python, Tensorflow, Keras, CNN, YOLO Algo, OpenCV* — Aug 2020 – Sept 2020

- * A project to help visually impaired people to navigate on road.
- * Used hough transform and CNN to predict upcoming road curves.
- * Used the YOLO algorithm to find upcoming obstacles.

ACHIEVEMENTS

Innerve Hackathon Finalists 2020: Developed RAAHI, a project to help visually impaired people to navigate on road.
JEE Mains 2019: In Top 0.04conducted by NTA given by 1.2 million students across India.
CBSE 2016: Top 1% among 10th standard CBSE student across India.

EXTRA CURRICULAR ACHIEVEMENTS

General Secretary Script at Ashwamedh, the dramatic society of NSUT.
CSI, core member at the Computer Society of India, NSUT