Aditya Singh

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EDUCATION

Delhi Technological University
B.Tech in Engineering Physics
Aug 2019 - 2023
CGPA: 8.39

Prabhu Dayal Public School
XII, PCM/ Engg. Graphics
CBSE, 88.4%

SKILLS

Languages:
C++, Python, Dart,
JavaScript

Frameworks:
ReactJS, Flutter,
Tailwind

Databases:
Firestore, SQL

Machine Learning:
Jupyter, Tensorflow

Tools:
Git, Postman,
Linux, MATLAB

COURSEWORK

Data Structures
Object Oriented
Programming
Algorithms Design
and Analysis
Operating Systems
Database Management

CO-CURRICULAR

Winner, Football Zonals,
Junior (Zone-13)
Member, School Chess
Club

EXPERIENCE

WALNUT HEALTH | Website   Apr 2021 – Jun 2021
Software Developer Intern
- Built FrontEnd with Flutter, Increased Active User count and interaction time, built with dynamic themes.
- Integrated backend with Spring boot and handled all http requests inside app.

XERO TECH PVT. LTD | Github   Nov 2020 – Jan 2021
Research Intern   Delhi, India
- Researched distributed monitoring solutions, implemented YOLO v5 for traffic vehicles detection.
- Annotated different class vehicles to achieve a net counting and accuracy of more than 80
- Fine Tuning the Video Processing to 1.5x and has the ability to run on a System worth not more than Rs. 40,000/-.

PROJECTS

CPU SCHEDULING - Algorithm Visualizer | Github
A web app using Vanilla JavaScript, CSS and ChartJs to illustrate the CPU scheduling algorithms graphically. Implemented nine algorithms along with Gantt Chart.

APNI DUKAAN - React Ecommerce | Github
With React and Hooks in frontend, and firebase with firestore to store dynamic collections, it supports google authorised sign-in and Stripe Payments API.

COVID-19 TRACKER - Flutter App | Github
Tracks the impact of COVID-19 cases based on your location, built in Flutter, which supports search based results, dynamic dark theme, and contries Infographs.

ACHIEVEMENTS & CERTIFICATIONS

LeetCode | Problems Solved - 410+ | Rating - 1650+
4* (1818), Codechef | pupil (1227), Codeforces | Gray (294), AtCoder
GeeksforGeeks | Problems Solved - 250+ | Coding Score - 850+
Codechef Contest JUNE221C, Rank - 6/3083 | Link
Maintainer at Hacktoberfest'20 | Github
Google | 30 Days of Google Cloud, Explore ML Program | aws ML
Applications | Link