

Aditya Singh

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EDUCATION

Delhi Technological University

B.Tech in Engineering Physics
Aug 2019 - Expected 2023
CGPA: 8.21 (Till IV Sem)

Prabhu Dayal Public School

XII, PCM/ Engg. Graphics
CBSE, 89%

SKILLS

Languages:

C++, Python, JavaScript,
x86 Assembly

Frameworks:

ReactJS, Flutter

Databases:

Firestore, SQL

Machine Learning:

Jupyter, Tensorflow

Tools:

Git, Postman,
Linux, MATLAB

COURSEWORK

Quantum Mechanics
Data Structures
Computer Networking
Discrete Structures
Computational Methods
Microprocessors

CO-CURRICULAR

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

EXPERIENCE

WALNUT - Health AI

Apr 2021 – Jun 2021

Software Developer Intern

- Building frontend of Walnut Flutter app with neomorphism design and shared preferences for JSON Data.
- Integrated backend with Spring boot and handled all http requests inside app.

XERO TECH PVT. LTD

Nov 2020 – Jan 2021

Research Intern

Delhi, India

- Researched distributed monitoring solutions and Implemented YOLO 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.80,000/-.

PROJECTS

APNI DUKAAN - React Ecommerce

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

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.

NASA MISSION - CONTROL

NASA Exoplanets API

Used OAK as middleware framework for handling HTTP with Deno as backend server. Mission Scheduling to confirmed planets and tracks history of mission launches data.

ACHIEVEMENTS & CERTIFICATIONS

3*(1648), Codechef
Codechef Contest JUNE21C, Rank - 1340/28907
Maintainer at Hacktoberfest'20
Google, 30 Days of Google Cloud Platform
Google, Explore ML Program
HackerRank (5*) Problem Solving and Algorithms