





RISHABH AHUJA

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EDUCATION

B.E. (Computer Engineering)

Thapar Institute of Engineering and Technology, Patiala

2021-2025

CGPA:8.00

Class XII (Non-Medical) 2021

Bhavan Vidyalaya, Panchkula Per:95.8

Class X 2019

Bhavan Vidyalaya, Panchkula Per: 95.2

EXPERIENCE

Software Development Intern

Indian Oil

Node.js, HTML, CSS, MongoDB

J June 2024-July 2024

- Implemented the contract entry and editing system allowing M&C department personnel to add or edit contract details, with automated email triggers to notify relevant stakeholders. Designed a proactive renewal reminder system that sends email alerts six months before contract expiry, followed by regular reminders until contract renewal or closure.

- Integrated Node.js with SMTP for email automation, ensuring timely communication of contract status to stakeholders.

Android App Development Intern

Legitimate India 

Flutter, JavaScript API, WordPress

Feb 2023 - May 2023

- Engineered seamless communication between backend servers and Flutter App Framework through REST APIs, resulting in a **25%** decrease in loading time and a **30%** increase in app performance, enhancing overall user experience.
 - Added new features such as Navigation Drawer and fixed minor bugs due to use of deprecated Android v1 embedding.
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Mentor

FROSH 

Flutter, Firebase, MySQL, Blender3D, Mapbox

June 2022 – Oct 2022

- Developed FROSH 2022 app using Flutter Framework, currently live on play store with **2k+** downloads.
- Lead the team of 80+ individuals to manage TIET's counselling process and North India's largest Fresher's Fest for 2500+ UG students.
- Designated as Management Head - Executed detailed event planning for 20+ events, ensuring seamless execution and student satisfaction.

PROJECTS

Campus Ride  [Proof of Work](#)

ReactJS, MySQL, GoogleMaps API, ExpressJS, NodeJS, CSS

- Enabled users to save an estimated **20%** on transportation costs through effective ride-sharing and carpooling.

- By using the **Haversine** formula, Geospatial distance is calculated. Once the distances between a user's location and potential rides are calculated, the application can filter and sort rides based on the closest proximity.

- Also Integrated the **Stripe** online payment gateway for secure online Transactions.

Pomegranate Segregator and Price Prediction

Python

- **Implemented a price prediction model using an ensemble of Random Forest, Extra Trees, Gradient Boost, and LGB Boost, achieving approximately 93% accuracy.**

- **Created a quality prediction model utilizing LSTM deep learning, achieving 98% accuracy.**

- **Currently working on the hardware for segregation and authoring a research paper based on the project findings.**

SKILL SUMMARY

Front End: HTML, CSS, JavaScript, Dart

Programming Language: C,C++

Framework: Flutter

Databases: MySQL

UI: Figma

Other skills – Code Management, Communication, Teamwork, Adaptability, Problem Solving

CERTIFICATION

Certificate of Internship

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Contributed to the development of Flutter App

Jet Aerospace @IIT Delhi

Contributed & learned about Cobotics