

ADITYA JAISWAL

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Profile Summary

Aspiring Software Engineer and Full-Stack Developer with expertise in React.js, Node.js, and Flask. Solved 400+ problems on LeetCode and CodeChef, demonstrating strong algorithmic and data structures proficiency. Experienced in building scalable systems with real-time features using Socket.IO and Docker.

Education

Bachelor's of Computer Application

2024-2027 (Expected)

ICFAI Dehradun- ICFAI Tech School

Current CGPA: 9.06/10.00

Relevant Coursework: Data Structures & Algorithms, DBMS, Computer Networks, Operating System

Technical Skills

- **Languages:** C++, Python, Dart, C
- **Backend:** Node.js, Express.js, Flask, Socket.IO
- **FrontEnd:** HTML5, CSS3, JS, React.js, Flutter
- **Database:** MySQL, MongoDB
- **Other/Tools:** GitHub, VS Code, Figma, Docker
- **Fundamentals:** Data Structures & Algorithms, OOPs, OS, DBMS

Projects

Live Location Sharing Mobile App | Flutter, Socket.IO, React.js

- Developed a real-time location tracking system using Flutter and Socket.IO, achieving low-latency data streaming with updates every 2-3 seconds.
- Optimized data transmission protocols to reduce location update delays by 60%, ensuring reliable tracking for multiple concurrent users.
- Integrated secure end-to-end communication to solve travel safety concerns for family members.

Dry Clean Shop Management Application | React.js, Node.js, Express.js, MongoDB

- Architected a full-stack application (MERN) to automate order tracking, replacing manual processes and reducing customer inquiry volume.
- Improved operational transparency, leading to a measured 60% increase in customer satisfaction and a 25% boost in shop efficiency..
- Implemented a real-time status update feature, allowing customers to track garments from pickup to delivery.

College Management System | Flask, MySQL

- Developed a centralized academic resource portal using Flask and MySQL to streamline note distribution for students and notification about assignment and events.
- Increased student productivity by 50% by providing instant, organized access to course materials and real-time event and assignment notifications.
- Designed a scalable database schema to handle daily uploads/downloads for an entire campus department.

Achievements

- Winner of Senior Year Coding Competition at college for outstanding problem-solving performance.
- 1st Runner-Up in College Hackathon (SIH Internal) contributing to team-based innovation and rapid project development.
- Solved 400+ DSA Problems on LeetCode, GeeksforGeeks, CodeChef, HackerRank, strengthening logical thinking and focused on mastering arrays, linked lists, and dynamic programming.
- Participated in Chandigarh University Hackathon (Lucknow), gaining hands-on exposure to real-world tech challenges and competitive coding environments.