

Ansh Gupta

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SUMMARY

Artificial Intelligence and Data Science undergraduate at IIIT Raichur with strong experience in building scalable full-stack applications using React, Next.js, and Node.js. Solved 400+ DSA problems across LeetCode and GeeksforGeeks, demonstrating strong algorithmic thinking and problem-solving skills. Seeking a Software Engineering internship to build high-impact systems and production-ready applications.

TECHNICAL SKILLS

Languages: Python, C/C++, JavaScript, TypeScript, HTML, CSS, SQL

Frameworks: React, Next.js, Node.js, Express.js, Tailwind CSS, React Native

Tools & Databases: Git, Postman, MongoDB, REST APIs, WebSockets

Coursework: DSA, OOP, DBMS, Software Engineering, Operating Systems, Artificial Intelligence

PROJECTS

Job-Hunt – AI-Powered Job Portal

Live Project

Tech Stack: MongoDB, Express.js, React.js, Node.js, shadcn/ui — Live Link — GitHub

- Built an AI-powered job portal for **50+ users** enabling resume analysis, job discovery.
- Automated skill-gap detection and resume scoring, reducing manual screening time by **40%** for recruiters.
- Implemented JWT-based role access for students, recruiters, and admins with secure authentication flows.
- Designed scalable REST APIs handling **200+ daily requests** with optimized MongoDB queries.

Chat-App – Real-Time Messaging Application

Live Project

Tech Stack: MongoDB, Express.js, React.js, Node.js, Socket.io, daisyUI — Live Link — GitHub

- Engineered a real-time chat system for **20+ concurrent users** using Socket.io with bi-directional communication.
- Reduced message delivery latency by **30%** by replacing HTTP polling with event-driven WebSockets.
- Added secure authentication and session handling to prevent unauthorized access and data leakage.
- Built a responsive UI using daisyUI, improving mobile usability and session retention by **25%**.

Crave – Food Ordering Web Application

Live Project

Tech Stack: MongoDB, Express.js, React.js, Node.js — Live Link — GitHub

- Built an end-to-end food ordering platform for **20+ menu items** with cart and order lifecycle management.
- Streamlined checkout flow from **5 steps to 3**, increasing order completion and reducing drop-offs.
- Created backend APIs for menu, pricing, and order tracking with persistent database integration.

EXPERIENCE

Teaching Assistant – Design and Analysis of Algorithms (DAA)

Present

Indian Institute of Information Technology, Raichur

- Mentoring **60+ undergraduate students** weekly on algorithm design, complexity analysis, and optimization techniques.
- Conducted doubt-solving sessions and assisted in evaluation of assignments and coding problems.
- Led a **3-member technical presentation team** on algorithmic strategies and problem-solving frameworks.

EDUCATION

Indian Institute of Information Technology, Raichur

Raichur, Karnataka

B.Tech in Artificial Intelligence and Data Science

August 2023 – Present

ACHIEVEMENTS

- Solved **400+ DSA problems** across LeetCode and GeeksforGeeks.
- Deployed **3 production-grade full-stack applications** used by real users.
- Ranked among top active problem solvers in college coding community.

INTERESTS

Vibe Coding | Debugging | Building Side Projects | Testing & Optimization | Exploring New Tech