

ADITYA GUPTA

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EDUCATION

Vellore Institute of Technology, Bhopal

September 2022 – May 2026

Bachelor of Technology in Computer Science – 8.65/10 CGPA

Expected

EXPERIENCE

Persistent Systems

November 2024 – April 2025

Project Intern

Remote

- Successfully containerized and deployed applications using Docker, AWS ECS, and Terraform, automating infrastructure provisioning for scalable deployments.
- Implemented CI/CD pipelines with Jenkins & GitHub Actions, optimizing deployments while gaining hands-on experience with AWS (ECS, Route 53, Load Balancers) and exploring Azure for multi-cloud understanding.

KBRIJ Engineering & Rail Solution Private Limited

October 2024 – November 2024

Software Development Intern

Remote

- Engineered a home automation dashboard, improving user satisfaction by 30% during testing phases.
- Developed 20+ API routes to connect frontend and backend, cutting latency by 25%.

PROJECTS

[ClientEase AI](#) | *React.js, Typescript, GenAI, Node.js, MongoDB*

- Enhanced operational workflows as measured by successful integration of AI tools like sentiment analysis, RPA, and generative AI, by designing a unified platform for Indian BPOs.
- Streamlined agent productivity as evidenced by reduced manual effort, by developing a React.js dashboard with intuitive interfaces and real-time insights.

[MockEdge](#) | *Next.js, React, Drizzle ORM, Gemini AI, Clerk*

- Developed a full-stack AI-powered mock interview application using Next.js, React, Gemini AI, and Drizzle ORM.
- Enabling users to practice interview scenarios with feedback and actionable improvement recommendations.

Vyapar Sync | *React.js, Node.js, REST APIs, Tailwind CSS, MongoDB*

- Built a MERN-based order management system, cutting order processing time by 70% for my family's distribution business and 4 salespersons.
- Improved inventory tracking and real-time order placement, enabling seamless stock updates and direct ordering, which improved operational efficiency by 50% and contributed to business growth.

Version Vault | *Javascript, Object Oriented Programming*

- Designed a lightweight version control system using JavaScript, incorporating core CS concepts such as file tracking, branching, merging, and diff generation through the Longest Common Subsequence (LCS) algorithm.

TECHNICAL SKILLS

Programming & Development: C++, JavaScript, Python, RDBMS, SQL, OOP, React.js, Node.js, MongoDB.

DevOps & Cloud: AWS (ECS, Load Balancers), Kafka, Azure Cloud, Docker, Terraform, CI/CD (Jenkins, GitHub Actions), Infrastructure Automation.

Tools & Platforms: Git, Prisma ORM, Redis, RabbitMQ, WebSockets, Linux, Bash Scripting, Version Control.

EXTRACURRICULARS

- Solved 400+ Data Structures & Algorithms problems across platforms: [LeetCode](#), [GeeksforGeeks](#) and [Codeforces](#).
- Achieved **LeetCode Contest Rating of 1600** and a **Codeforces Max Rating of 1050**;
- Secured a place as a Grand Finalist in EY Techathon 5.0, emerging among the Top 10 from 1.5 lakh+ participants.
- Achieved Top 40 position in TBO VoyageHacks 2.0 Hackathon, showcasing innovation and technical expertise.
- Secured a spot in the top 50 out of 17,000+ registrations in Tata Elxsi Teliport Season 2.