

Udit Sharma

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Professional Summary | [Portfolio](#)

- Web developer with experience delivering full-stack applications and real-world solutions across cloud, automation, and real-time systems.
- Comfortable with data structures and algorithms, with a focus on building clean, scalable, and user-focused software.

Scholastic & Technical Achievements

- Winner of **2** college-level hackathons for building impactful full-stack web applications.
- Selected among the top **100 out of 2800+ teams** in **Hacksplosion by Deloitte**, advancing to Stage 2 of the national hackathon challenge.

Education

- **Vellore Institute of Technology, Chennai** Chennai, India
B.Tech. in Computer Science and Engineering — CGPA: 8.55/10 2022 – 2026
- Relevant Coursework: DSA, Web Development, DBMS, Networks, OS, Cryptography, AI & ML, Software Engineering

Experience

- **Codemithra - ETHNUS** May 2024 – July 2024
Full Stack Developer Intern (Remote)
 - Led a **4-member team** to build a fully functional task management app with **secure login**, CRUD features, and JWT-based auth; maintained **100% uptime** during production.
 - Deployed frontend on **Vercel** and backend on **Render**, achieved an average API response time under **200ms**.
 - Scored **95%** in MERN Stack Certification and collaborated using agile sprints and Git-based workflows.

Projects

- **AWS Serverless Finance Manager** Oct 2024 - Dec 2024
 - Built a serverless finance management app using AWS and React.js, supporting **130+ live users** with **real-time transaction updates** and category-based organization.
 - Achieved **40% cost savings** through optimized AWS architecture and reduced infrastructure overheads, with **99.8% uptime** during testing.
 - Integrated AWS **Cognito** for secure authentication and designed interactive dashboards with **Chart.js** to track financial data effectively, featuring an alert-based budgeting system powered by AWS **SNS**.
- **Cognitive B2B Order Automation Tool** / [Figma](#) Feb 2025 - March 2025
 - Built an AI-powered order processing bot using **Langflow + OpenAI** to extract, validate, and auto-confirm email orders; reduced manual effort by **~75%**.
 - Achieved **60% faster processing**, **99% data accuracy**, and **zero duplicate orders**, scaling to **100+ concurrent requests** with real-time error handling and confirmations.
 - Developed a modern admin dashboard with **React.js + Tailwind**, improving operational visibility and reducing customer support queries by **40%**.
- **MindMate – Real-Time Mental Health Support Platform** Jan 2025 - Feb 2025
 - Engineered a real-time chat platform with Socket.IO and Node.js, used by **180+ students** over a **4-day beta period**, maintaining sub-100ms latency and **99.5% uptime**.
 - Implemented emotion-aware routing with sentiment analysis, **auto-flagging 85%** of high-risk messages to enhance user safety.
 - Achieved **93% session retention** via personalized listener matching and intelligent session handling with MongoDB and WebSocket.

Skills

- **Languages**: JavaScript (ES6+), TypeScript, Python, Java, C/C++, SQL
- **Web**: React.js, Node.js, Express.js, Tailwind, REST APIs, Next.js, Component & UI libraries
- **Cloud & DevOps**: AWS (serverless & solution-oriented services only), Git, CI/CD
- **Tools**: MongoDB, MySQL, Postman, VS Code, Cursor, Figma, GitHub, npm,