Udit Sharma

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Professional Summary | *Portfolio*

- Full-stack web developer with experience building real-world applications in cloud, automation, and real-time systems. Focused on writing clean, scalable, and user-first software.

Scholastic & Technical Achievements

- Winner of **2** college-level hackathons for building impactful full-stack web applications.
- **Top 100 out of 2800+ teams** in **Hacksplosion 2024 by Deloitte**, advancing to **Stage 2** of the national hackathon.
- Finalist (Top 12/200+ teams) in GenAI T$O Hackathon 2025 by Jazzee Technologies at IIT Bhubaneswar.

Education

- **Vellore Institute of Technology, Chennai**   Chennai, India
  B.Tech. in Computer Science and Engineering — CGPA: 8.47/10   *2022 – 2026*
- Relevant Coursework: DSA, Web Development, DBMS, Networks, OS, Cryptography, AI & ML, Software Engineering

Experience

- **Codemithra - ETHNUS**   May 2024 – July 2024
  MERN Stack Trainee (Remote)
  - Led a team of 4 to develop a MERN-based task manager with JWT auth, 100% uptime, 200ms API speed, and scored 95% in MERN certification.
- **NexEv Solutions Private Limited**   May 2025 – Present
  Full Stack Developer Intern (Remote)
  - Led development of the company's landing page and played a key role in building the NexEV **app from scratch**, contributing core features across the full MERN stack.

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.
  - **Int**egrated 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 an approx. of **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, 3Js
- **Cloud & DevOps**: AWS (serverless & solution-oriented services only), Git, CI/CD
- **Tools**: MongoDB, MySQL, Postman, VS Code, Figma, GitHub, npm,