UDAYAN MAJUMDER

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EDUCATION

High School   2010 – 2022 | West Bengal
Kendriya Vidyalaya

B.Tech, Computer Science and Engineering   July 2026 | West Bengal
Techno India University

Profile

I am a B.Tech graduate in Computer Science and Engineering. I specialize in building full-stack web applications using the PERN stack and delivering efficient, user-centric solutions.

WORK EXPERIENCE

Web Developer | Freelance   March 2025 – March 2025 | West Bengal
Bet phile ⬀

- Developed an **SEO**-optimized landing page using **Next.js, Chakra UI**, and Server-Side Rendering (SSR).
- Implemented accessibility best practices and responsive design for improved UX across devices.
- Deployed via **AWS Amplify** with automated **CI/CD**

PROJECT EXPERIENCE

Google Solution Challenge Hackathon ⬀   May 2025 – June 2025
AidAlet | Full Stack Dev

- Built Emergency Response App using **PERN Stack (PostgreSQL, Express.js, React/Next.js, Node.js) with Chakra UI,** featuring real-time weather APIs and SOS location tracking via **Ola Maps API.**
- Developed Role-Based Authentication System with **Admin/NGO panels,** integrated live weather APIs for disaster monitoring, and deployed on **AWS EC2** with **Nginx, SSL,** and **AWS RDS PostgreSQL.**

UDchat ⬀   January 2022 – February 2025
Real Time Chat Application | Frontend Dev

- Developed a scalable **real-time chat application** with **Firebase** and **Google OAuth,** enabling seamless live messaging for 100+ users.

LEADERSHIP EXPERIENCE

Team Lead | Frontend & Backend Dev   August 2024 – September 2025
                                                                            West Bengal

- Built **AI-Powered Museum Ticket Booking Bot** reducing wait times and queue management issues through intelligent conversation flow and real-time ticket availability.

Team Lead | Full Stack Dev   May 2025 – June 2025 | West Bengal

- Secured **Top 100** Position among **3,700+** teams nationwide and advanced to final round of prestigious tech competition.

SKILLS & INTERESTS

Languages: JavaScript, TypeScript, HTML, CSS
Frameworks: React.js, Next.js, Node.js, Express.js
State Management: Redux, Zustand
Databases: PostgreSQL, Firebase, NeonDB
Dev Tools: Git, Postman, VS Code
Cloud/CI/CD: AWS (EC2, RDS), Vercel, Firebase, Railway