Jeet Mandal

jeet999dev@gmail.com | Portfolio | LinkedIn | GitHub

Summary

Backend-focused developer building scalable APIs, and production-ready backend infrastructure using Node.js and TypeScript.

Technical Skills

Core Backend: Node.js, TypeScript, Express.js, RESTful APIs, Prisma

Databases: PostgreSQL, MongoDB, SQL

Infrastructure & DevOps: Docker, Git, GitHub, CI/CD

Auth & Security: JWT, Role-Based Access Control

Familiar With: Next.js, React, WebSockets, Serverless Functions

Experience

Web Development Intern Oct 2025 – Present

My Solution Services *Onsite*

- Built and customized 6+ WordPress client websites, improving branding consistency and mobile responsiveness.
- Deployed and maintained production websites via cPanel and hPanel, ensuring 99% uptime, SSL security, and stable hosting.
- Resolved 15+ UI and functionality bugs, reducing client-reported issues and improving turnaround time.
- Led client demos, gathered requirements, and translated feedback into shipped product updates.

Projects

Slyde – AI Video Generation Platform Dec 2025

Node.js, Express.js, Prisma, REST APIs, Docker, Webhooks, Cloudflare R2 *Live*

- Built a scalable backend platform to simplify AI-based video generation for creators and small teams.
- Designed REST APIs and PostgreSQL workflows serving 300+ real users with high-volume media processing.
- Integrated 5 external AI APIs into a unified pipeline to automate video and content generation.
- Designed a scalable Cloudflare R2 storage pipeline with logging, rate limiting, and error handling to ensure production-grade reliability.

Hire-Me – AI Interview & Candidate Screening Platform Sep 2025

Node.js, Prisma, REST APIs, Next.js, Hono, R2, Redis, Resend *Live — GitHub*

- Built an AI-powered hiring platform to automate candidate screening, interviews, and job posting for recruiters.
- Implemented role-based authentication, email verification, and password recovery using Resend, and built a serverless backend with Hono to reduce costs and enable auto-scaling.
- Designed and managed the full AI interview pipeline: voice input → resume + answers + questions → GPT evaluation → text response → TTS playback.
- Developed anti-cheating safeguards by preventing tab switching, capturing random screenshots, and storing evidence securely in Cloudflare R2.
- Designed PostgreSQL schemas and REST APIs to manage job listings, applicants, interview history, scoring, and analytics.

Achievements

Hackathon – 1st Runner-Up Mar 2025

Code for Change, NSHM College *Onsite*

- Led backend architecture for an AI-powered interview coach to help candidates practice realistic mock interviews.
- Designed end-to-end conversation workflows, managing prompts, responses, and session state for multi-turn AI interactions.
- Integrated GPT APIs and ElevenLabs Speech-to-Text to enable real-time voice-based AI interviews.
- Presented the solution to judges and contributed to winning **1st Runner-Up** among competing teams.

Education

Kazi Nazrul University Asansol, West Bengal

Bachelor of Computer Applications — GPA: 8.75 / 10 *2023 – 2027*