

Atanu Saha

Kolkata, West Bengal | atanu.saha2004@gmail.com | 8697768240 | LinkedIn | GitHub

Skills

JavaScript | TypeScript | C++ | React.js | Next.js | Node.js | Express.js | MongoDB | REST APIs | Firebase | Tailwind CSS | Framer Motion | FastAPI | Python | Git | GitHub | Vercel | AI Integration | Prompt Engineering | SEO

Projects

CodeTwin — AI Coding Agent Website code-twin.vercel.app

- Designed and developed the **official landing and documentation website** for CodeTwin, a terminal-first AI coding agent with CLI, TUI, and mobile companion app.
- Built with **Next.js 14**, React 18, and TypeScript with **MDX-powered docs**, custom theming, and SEO-optimized performance.
- Integrated **Framer Motion**, **Lenis** smooth scroll, **Shiki** syntax highlighting, and **Lucide** icons; deployed on **Vercel**.

EzStudy — Collaborative AI Learning Platform ezstudyai.vercel.app

- Built a **full-stack learning platform** enabling students to study, share notes, and generate AI-assisted study content with a responsive React.js UI.
- Engineered the **Node.js/Express.js backend** with secure REST APIs, authentication middleware, and optimized routing for fast data delivery.
- Integrated **Groq API** and **Gemini API** to power **AI summarization**, note generation, and automated question formulation.

noToll — Global Trade Intelligence Platform notoll.vercel.app

- Developed a **full-stack trade intelligence platform** for international traders providing market insights, compliance tracking, and buyer-seller connections.
- Implemented **role-based access control**, data visualization dashboards, document uploads via Multer, and relief scheme tracking features.
- Built secure **REST APIs** with **JWT authentication**, MongoDB data layer, and Winston logging using Next.js 14, TypeScript, and Express.js.

MunchMate — Campus Food Ordering Platform munch-mate-two.vercel.app

- Developed a **full-stack food ordering web app** for university students with menu browsing, order placement, and pickup management features.
- Implemented **secure authentication**, real-time menu availability, an interactive cart, and a role-based **admin dashboard**.
- Integrated **Cloudinary** for image management and **Firebase Firestore** for real-time NoSQL data sync; built with React.js (Vite), TailwindCSS, and Framer Motion.

Waddle — Fitness Gamification App Landing Page thewaddle.vercel.app | App

- Designed and developed a **high-performance marketing landing page** for a fitness gamification app that turns daily walks into a kingdom-building game.
- Built with **Next.js 14** and **TypeScript** featuring an animated Hero, Features section, and Footer with polished micro-interactions.
- Implemented **Framer Motion** animations, **Lenis** smooth scrolling, and confetti effects using TailwindCSS and styled-components.

Education

Adamas University, B.Tech in Computer Science and Engineering

August 2023 – Present

- CGPA: 8.84