Raj Haldar

MERN Stack Developer — React.js • Node.js • MongoDB • Express.js

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GitHub • LinkedIn • Portfolio

Professional Summary

Full Stack Developer proficient in building scalable, responsive, and AI-integrated web applications using the MERN stack. Skilled in both frontend and backend development, API integration, and cloud deployment. Passionate about creating seamless user experiences and efficient system architectures.

Education

B.Tech in Information Technology, Maulana Abul Kalam Azad University of Technology (Govt.), West Bengal, India   Expected 2025

CGPA: 8.1/10

Technical Skills

- **Programming:** JavaScript (ES6+), Python, C++
- **Frontend:** React.js, Next.js, Tailwind CSS, HTML5, CSS3, Bootstrap
- **Backend:** Node.js, Express.js, RESTful APIs, JWT Authentication
- **Database & Cloud:** MongoDB, Firebase (Firestore, Cloud Storage), Render, Vercel
- **Tools & Version Control:** Git, GitHub, Postman, VS Code
- **Core Expertise:** MERN Stack, API Design, Full Stack Architecture, Cloud Deployment

Experience

Full Stack Developer Role — Drive-by-RAJ (Own Project)   Dec 2023 – Mar 2024

- Developed and deployed a complete car dealership web application using the MERN stack.
- Designed REST APIs with Express.js for authentication, listing, and filtering cars.
- Integrated Firebase Auth and Firestore for real-time data management.
- Deployed the full application on Render (backend) and Vercel (frontend).

Project Work

AI Verse (AI-Powered Web App)   2025

Technologies: React.js, Node.js, Express.js, OpenAI API, MongoDB — GitHub

- Built an AI platform offering chatbot, text summarization, and interview prep modules.
- Designed backend APIs for OpenAI communication and optimized data caching.

Real-Time Chat Application   2024

Technologies: React.js, Node.js, Socket.io, MongoDB, JWT

- Developed a real-time chat system supporting 1000+ users using WebSockets.
- Managed authentication, room creation, and persistent message storage in MongoDB.

Achievements

- Completed 10+ full-stack projects including e-commerce, AI, and chat apps.
- Member, Competitive Programming Club (2023–2024).
- Solved 500+ coding challenges on LeetCode, HackerRank, and Codeforces.