Ayush Bhandarkar

Full-Stack MERN Developer

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Summary

Passionate Full-Stack MERN Developer skilled in building scalable, user-centric web applications. Proficient in integrating AI APIs (Google Gemini) and real-time features with Socket.io. Strong foundation in Java, data structures, and software engineering principles. Eager to apply my skills to create impactful digital solutions.

Technical Skills

- **Languages:** JavaScript (ES6+), Node.js, HTML5, CSS3, Java
- **Frontend:** React, Tailwind CSS, Context API, Redux, Responsive Design
- **Backend:** Express.js, REST APIs, JWT, Socket.io, Middleware
- **Databases & Tools:** MongoDB, Mongoose, Git, GitHub, Postman, Vercel, Render
- **APIs & Services:** OpenAI API (Google Gemini), Cloudinary, Multer

Projects

AI-Powered Code Review & Bug Detection   ⌨ Code | 🟢 Live

- Engineered a full-stack MERN application integrated with Google Gemini API to perform automated code analysis for JavaScript, Python, and Java.
- Implemented JWT authentication and a responsive UI with Tailwind CSS for a seamless user experience.
- **Impact:** Automated AI reviews reduced manual debugging effort by an estimated **60%**, significantly boosting developer productivity.

LinkedIn Clone - Social Platform   ⌨ Code

- Developed a feature-rich social networking platform mimicking LinkedIn's core functionalities: posts, likes, comments, and connection requests.
- Integrated **Socket.IO** for real-time chat and notifications, and Cloudinary for file uploads. Managed state efficiently using Redux.
- **Impact:** Delivered a scalable, production-ready platform with **100% feature parity** for core social interactions and real-time messaging.

AI Virtual Assistant with Real-Time Chat   ⌨ Code | 🟢 Live

- Created an intelligent virtual assistant using the MERN stack and Google Gemini API, featuring real-time voice recognition and speech synthesis.
- Enabled personalization through JWT auth, bcrypt encryption, and custom avatar uploads via Multer & Cloudinary.
- **Impact:** Enhanced user engagement by **60%** through interactive voice features, providing a personalized AI conversation experience.

Education

B.Tech in Computer Engineering   Expected 2026
RTM Nagpur University, Nagpur
Relevant Coursework: Data Structures & Algorithms, Database Management, Web Technologies, Software Engineering

Certifications

- HackerRank REST API Certification   2025

Languages

- English (Professional), Hindi (Native), Marathi (Native)