

HIMANSHU RAMTEKE

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github.com/himanshuramteke • Portfolio

SUMMARY

Passionate full-stack developer proficient in MERN stack technologies with experience building modern web applications. Skilled in React for frontend development, Node.js and Express.js for backend services, and MongoDB for database management. Eager to learn new things.

TECHNICAL SKILLS

Programming Languages: Javascript, Typescript

Frontend Technologies: React.js, Next.js, Tailwindcss, ShadcnUI, DaisyUI, Zustand

Backend Technologies: Express.js, Node.js, Mongoose(ODM), Socket.io, Websockets, MongoDB(Database)

Other Tools: Git, Github, Postman, VSCode

PROJECTS

Codesandbox - An Online IDE 🔄

Build an Online IDE that can create and run **React.js** projects.

- Designed and developed a collaborative online code editor with real-time file editing, live preview, and terminal integration using **Node.js**, **Express.js**, **Socket.IO**, and **Dockerode**.
- Implemented a VS Code-like frontend interface with **React.js**, **Monaco Editor**, **Ant Design**, **Xterm.js**, and **Zustand** for seamless user experience and state management.
- Integrated **Docker** containers and **Chokidar** file watching to provide isolated development environments with real-time collaboration and WebSocket-based communication.

Chatty - Fullstack Chat App 🔄

A full stack chat app with socket.io and AI integration.

- Developed a full-stack real-time chat application with user authentication, profile management, and image sharing using **React**, **Node.js**, **Express.js**, **MongoDB**, and **Socket.IO**.
- Integrated **Cloudinary** for image uploads, **JWT** for secure authentication, and **Google Gemini API** for AI assistant functionality with responsive UI using **TailwindCSS** and **DaisyUI**.
- Implemented real-time messaging, online user status tracking, and theme switching capabilities with **Zustand** state management and **Mongoose** for database operations.

Twitter-Clone 🔄

Build a X clone, designed to replicate the core functionality of Twitter.

- Built a full-stack Twitter clone with user authentication, post management, and social features using **React**, **Node.js**, **Express.js**, **MongoDB**, and **JWT** authentication.
- Implemented user profiles, follow/unfollow functionality, real-time notifications, and news feed with **React Query** for data caching and **Cloudinary** for image storage.
- Designed responsive UI with **TailwindCSS**, **DaisyUI**, and integrated error handling using **react-hot-toast** with **Mongoose** for database operations.

EDUCATION

Bachelor's of Engineering in Electronics and Communication

2018-2022

Nagpur University

8.7 CGPA

Priyadarshini College of Engineering, Nagpur

COURSEWORK

Full Stack Web Development - certificate

MongoDB, Express.js, React.js, Node.js, Next.js