

Rohan Mishra

Full-Stack Web Developer (React, Node.js / Express.js)

 mydearluffy093@gmail.com

 7000476533

 Satna, India

 Rohan Mishra

 RohanMishra47

 Rohan Mishra

 Portfolio: Rohan Mishra

Profile

Full-Stack Developer specializing in **Next.js (React)** and **TypeScript** for building resilient web applications. Proficient in architecting scalable **Node.js/Express** backends and utilizing **Prisma** for reliable database interaction. Experienced in managing end-to-end **Vercel/Render deployment pipelines**, demonstrating a commitment to professional production quality. Eager to contribute to dynamic teams and grow through real-world challenges.

Education

Bachelor of Computer Applications (BCA)

Satna, India

Makhanlal Chaturvedi National University of Journalism and Communication, Bhopal — Satna, India 

Expected Graduation: 2027

Skills

Languages & Frameworks:

JavaScript, TypeScript, React.js, Next.js, Node.js, Express.js, Prisma, PostgreSQL, MongoDB, HTML5, CSS3, Tailwind CSS

Tools & Platforms:

Git, Docker, REST APIs, VS Code, pnpm, Vercel, Render, CI/CD Principles

Projects

Note: Portfolio projects use free-tier hosting and may have brief initial load times

SyncBoard — Real-Time Collaborative Whiteboard

Tech Stack: Next.js, TypeScript, Socket.io, Express.js, Prisma, PostgreSQL, Zustand

- [\[Live Site\]](#) | [\[GitHub\]](#)
 - Built a **real-time collaborative whiteboard** using **Socket.io**, achieving **sub-100ms synchronization** via WebSocket event broadcasting and optimized state reconciliation across multiple concurrent users.
 - Implemented **collaborative undo/redo** using the **Command Pattern**, allowing users to selectively revert their own actions while preserving others' work, with support for **1,000+ entry action history**.
 - Optimized network performance by **reducing traffic by 40%** through throttled emissions (**60 FPS**) and minimized database writes by **90%** using debounced auto-save, maintaining a responsive UX for **5+ simultaneous users**.
 - Designed a scalable **Zustand-based state architecture** with **room-based PostgreSQL persistence**, shareable room URLs, and **PNG/SVG export** functionality, deployed on **Vercel (frontend)** and **Railway (backend)**.

Personal Job Tracker

Tech Stack: React, Tailwind CSS, Express.js, MongoDB, Docker, Hugging Face API (LLM Integration)

- [\[Live Site\]](#) | [\[GitHub\]](#)
 - Built a **full-stack job management dashboard** to create, update, and organize job applications with CRUD operations.
 - Integrated **authentication** and a **drag-and-drop Kanban board** for intuitive job status management.
 - Implemented **robust backend APIs supporting advanced filtering, sorting, and pagination** via query parameters.
 - Enabled **deep linking** by syncing frontend state (filters, sort, and pagination) with URL parameters for reproducible views.
 - **Optimized performance and maintainability** by offloading data operations to the backend.
 - Integrated an **AI-powered Job Fit Score** feature for intelligent, data-driven role matching.

API Monitoring Dashboard

Tech Stack: Next.js, Node.js/Express, PostgreSQL Prisma, TypeScript, Vercel, Render

- [\[Live Site\]](#) | [\[GitHub\]](#)
 - **Designed and deployed a full-stack, real-time monitoring dashboard** for API endpoints, built with Next.js (Vercel) and Node.js/Prisma (Render).
 - Implemented **automated endpoint monitoring** with custom check intervals to provide continuous **uptime tracking** and immediate status updates.
 - Developed comprehensive **response time analytics** functionality, including historical charts for identifying performance trends and regressions.
 - Engineered a reactive, **auto-refreshing dashboard** UI to display current endpoint status and latency with minimal user interaction.
 - Utilized **Prisma** for reliable schema management and PostgreSQL interaction, ensuring data integrity across all monitoring checks.
 - Managed the professional deployment pipeline, including secure, dynamic **CORS policies** to whitelist Vercel origins.