Ravi Kumar Sharma

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TECHNICAL SKILLS

Frontend: React.js, Next.js, JavaScript, Tailwind CSS, Framer motion, HTML, CSS
Backend: Node.js, Express.js, Mongodb, NextAuth.js, JWT, REST API, PostgreSQL
Tools: Git, GitHub, Vercel

SUMMARY

Full-stack MERN developer specializing in building responsive, AI-integrated web applications. Proven ability to architect and deploy complete systems, demonstrated by creating HealMeal-AI, an application featuring a Node.js/Express backend, role-based JWT authentication, and an AI-powered diet planning engine. Proficient in both frontend (React.js, Next.js) and backend (Node.js, MongoDB, PostgreSQL) development.

EXPERIENCE

Freelance Full Stack Developer *(Jan 2025 – present)*

Client : Index Elevators (Lifting and Hoisting solutions*)* | **Link**   *Tech Stack***:** Next.js · Tailwind CSS
- Built a clean and responsive landing page tailored to the client's brand.
- Optimized SEO using Next.js metadata handling and semantic HTML structure.
- Handled everything end-to-end: dev, design tweaks, and final deployment.

Client: Jyoti Ambulance Service (Emergency Medical Transport) | **Link**   *Tech Stack:* Next.js · TypeScript · SSG
- Engineered a high-performance, fully responsive landing page optimized for critical emergency access.
- Leveraged Static Site Generation (SSG) with Next.js to achieve superior load times and enhance SEO, ensuring the service is easily found in emergencies.
- Designed an intuitive, mobile-first UI with prominent "call now" buttons to accelerate emergency response for users in distress.

PROJECTS

HealMeal-AI | AI-powered Hospital Food Management System | Link   *MongoDB, Node.js, Next.js, OpenAI API*
- Built an **AI-powered hospital food management system** that generates personalized diet plans based on patient diseases, allergies, dietary restrictions and available pantry items.
- Designed **role-based access control** for Managers (patient & diet management) and Pantry Staff (inventory & daily meal tracking).
- Implemented **inventory management with CRUD operations** and daily cooking plans synced with AI-generated diets.
- Integrated **secure authentication and authorization** using JWT for different user roles.

Dynamic JSON Converter | Link   *React.js, Tailwind, Xlsx*
- Built an efficient XLSX to JSON converter that **allows data preview and row deletion** before conversion.
- Designed the tool to **handle 1,000+ of entries efficiently**, ensuring smooth performance.
- Implemented an intuitive UI for seamless user experience and error handling for corrupted files.

PillUp Clone: Medication Services Landing Page | Link   *React.js, Framer motion , Express.js*
- Developed a fully functional replica of the PillUp application with an interactive React.js frontend.
- Integrated Framer Motion for smooth animations, enhancing user experience and interactivity.
- Implemented a Node.js backend for dynamic data fetching.

EDUCATION

DSEU Pusa campus-1   *Aug 2023 – Aug 2026*
Diploma in mechanical engineering