

Kundan Kumar

Full Stack Web Developer — MERN & Next.js

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Professional Summary

Full-Stack Web Developer with hands-on experience building scalable, user-focused web applications using the MERN and Next.js ecosystem. Strong knowledge of frontend architecture, backend API development, authentication, database design and deployment workflows. Focused on writing clean, maintainable code and building production-ready features.

Technical Skills

- Frontend: HTML, CSS, JavaScript, React, Next.js, Redux / State Management
- Backend: Node.js, Express.js, REST APIs
- Database & ORM: MongoDB, Prisma
- Tools & Platforms: Git, GitHub, Vercel, Postman
- Programming: JavaScript, TypeScript
- Computer Science Fundamentals: OOP, Data Structures & Algorithms, Operating Systems, Computer Networks

Projects

Grocery App — Full Stack (Next.js + MERN) | Quick-Commerce Platform

- Designed and developed a full-stack grocery delivery platform supporting product browsing, cart flow, and order workflow.
- Implemented REST APIs using Node.js & Express for product catalog, cart items and user session handling.
- Modeled database schema in MongoDB with indexing and structured document design for scalable storage.
- Implemented authentication, validation logic and secure API access patterns to improve reliability.
- Built a responsive frontend using Next.js with reusable components and optimized routing performance.
- Configured environment-based builds and deployed production version on Vercel with Git-based CI workflow.

Tech Stack: Next.js, React, Node.js, Express, MongoDB, REST APIs, Git, Vercel

AI Fitness Coach — Full Stack (MERN + AI) | Intelligent Fitness Assistance

- Built a full-stack AI-assisted fitness platform providing personalized user guidance and structured activity interaction.
- Developed backend APIs using Node.js, Express and MongoDB with Prisma ORM for clean and maintainable data models.
- Implemented authentication, user roles and access control to secure protected routes and feature permissions.
- Designed database schema supporting progress tracking, activity records and scalable feature extension.
- Developed a reusable component-driven UI in React / Next.js with organized and scalable folder structure.

Tech Stack: MERN Stack, Next.js, MongoDB, Prisma, REST APIs, GitHub, Deployment Workflow

Certifications

- AWS Academy Cloud Foundation — AWS Academy
- Hands-on Web Development with Hyperapp — Infosys Springboard
- Getting Started with MongoDB Atlas

Education

Chandigarh Group of Colleges, Landran — Mohali

B.Tech (CGPA: 7.83 up to 6th Semester)