

Ravikant Choudhary

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▼ EXPERIENCE

MERN Developer [Link](#) **Shiavnski Technologies** On-site **May 2024 – Present**

- Developed a SAAS survey desktop application from scratch using React.js and **Material UI** for a responsive and modern UI/UX, implements global state management with Redux toolkit to handle complex state logic and improve performance.
- Built dynamic routing using React Router to enable seamless navigation across the application, Designed and integrated an Admin Panel for managing users, surveys, and reports with real time data updates.
- Optimized async operations using a Debounce hook for better performance.
- Ensured scalability by following best practices in React.js and optimized code for better performance. Resulting in high performance. Employed custom React hooks for optimizing component rendering and state management

▼ SKILLS

Programming Languages – C, C++, JavaScript
Frontend – HTML, CSS, React JS, Redux Toolkit
Backend – Node Js, Express Js, MongoDB, Restful API
Frameworks – Tailwind, MUI, ShadCN
Tool – Git, GitHub, Postman

▼ PROJECTS

• Room Buddy [Link](#)

Tech Stack: React Js, Redux Toolkit, Express Js, MongoDB

- Room and Roommate Finder: Room-Buddy helps users find rooms, apartments, and compatible roommates in a new city based on budget, location and lifestyle.
- Real-Time Listings & Matching: Provides real-time room listings and personalized roommate matches for better experience.
- Optimized with Vite & React: Built with Vite and React for fast, responsive performance and a clean, user-friendly interface.
- Robust API Architecture: Designed and implemented a scalable RESTful API using Express.js, enabling seamless data communication for room listings, roommate preferences and user profiles, ensuring high performance and reliability.
- Efficient Database Management: Utilized MongoDB for dynamic and flexible data storage, including geolocation-based room searches, real-time updates, and secure user authentication using JSON Web Tokens (JWT).

• Nginx Dashboard

Tech Stack: React Js, Express Js

- Intuitive User Interface: Developed a responsive and interactive UI enabling users to manage Nginx configurations and commands effortlessly, replacing the need for command-line operations.
 - Comprehensive Feature Set: Provided functionalities for managing virtual hosts, SSL certificates, load balancing, and server status monitoring through a centralized dashboard.
 - Frontend: Designed a user-friendly, responsive interface using React.js, enabling seamless management of Nginx configurations and commands without requiring technical command-line knowledge.
 - Backend: Built a robust API with Express.js to interact with the Nginx server, enabling real-time configuration updates, validation, and command execution securely and efficiently.
- MCA** - Developed a MCA project using the MERN stack, replicating key forms from the Ministry of Corporate Affairs website for efficient data handling and submission.
 - E-commerce** - Built a feature-rich e-commerce web application using React.js, Express.js, ShadCN, Tailwind CSS and Redux for seamless user experience and efficient state management.

EDUCATION

MCA , Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore, 8.93 CGPA, 2024
BSC CS, Government Autonomous Holkar Science College, Indore, 66.84%, 2022
HSC, Jawahar Navodaya Vidyalaya, Manpur, Indore MP, 87%, 2019