

VIKAS KUMAR

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Summary

Experienced Full-Stack Developer with 2.5+ years of expertise in MERN stack technologies (MongoDB, Express.js, React.js, Node.js). Demonstrated success in delivering scalable e-commerce platforms and enterprise-grade solutions for both B2B and B2C markets. Proven leader with experience managing cross-functional development teams to build distribution platforms and consumer-facing applications. Currently developing CRM systems, admin dashboards, and real estate websites using React.js and Next.js while optimizing application performance and implementing GSAP animations to enhance user experience.

Skills

Frontend: React.js | Next.js | JavaScript | TypeScript | HTML5 | CSS3 | Tailwind CSS | GSAP | Redux Toolkit

Backend: Node.js | Express.js | MongoDB | Socket.io | RESTful APIs | JWT Authentication

Tools & Technologies: Git & GitHub | Digital Ocean | Nginx | Cloudflare | Elasticsearch | Chart.js

Work Experience

Frontend Developer | GTF Technologies

Current

- Developing CRM systems, admin dashboards, and real estate websites using React.js and Next.js.
- Optimizing application performance and implementing GSAP animations to enhance user experience

Freelance | MERN Stack Developer

Oct 2024 - Dec 2024

Project Link: <https://cayroshop.com/>

- Led full-stack development of scalable e-commerce platform using MERN stack
- Implemented advanced product management system with categories and attributes similar to Amazon's architecture
- Integrated Elasticsearch for fast product searches and voice search functionality with real-time feedback
- Configured secure payment gateway integration and SSL certificates for safe transactions
- Deployed on Digital Ocean VM with Nginx reverse proxy and Cloudflare optimization

Modulus Seventeen | Software Development Engineer II

Jan 2023 - Sept 2024

- Developed a product that addresses the daily challenges faced by shopkeepers, **eliminating the need to constantly inquire with distributors** about stock of their desired items.
- Eliminated need for constant distributor inquiries about order status through automated tracking systems

Projects

Expense Tracker - <https://expense-tracker-project-ruby.vercel.app/>

- Developed a dynamic Expense Tracker web application using React.js.
- Enabled users to add, delete, and categorize transactions with real-time UI updates.
- Integrated localStorage to ensure data persistence across browser sessions without requiring a backend.
- Created interactive visualizations using Chart.js and react-chartjs-2, including pie and bar graphs to display monthly income and expenses.
- Built modular and reusable React components, following best practices in state management and functional programming, enhancing maintainability and scalability.
- Applied responsive design principles for an optimal user experience across desktop, tablet, and mobile devices.
- Deployed the application on Vercel, achieving fast load times and global availability.

Chat App

- Built a real-time Chat App. Tech stack - MERN + Socket.io + TailwindCSS with user authentication system
- JWT authentication, Real time messaging with Socket.io, Online user status (Socket.io and state global management with Redux)
- Implemented error handling both on the server and on the client UI

Blog App - <https://blog-app-5ebm.vercel.app/>

- Developed a full-stack blog application with user registration, login, article creation, deletion, and updating functionalities.

Education

Bachelor of Computer Applications (Pursuing)

2024

Lovely Professional University

MERN Stack Development

2022-2023

AltCampus, Dharamshala

Senior Secondary (83%)

2017-2019

Achievements

- 1st prize winner in AltCampus Hackathon
- Event conductor during "Life Long" event with Milind Soman as brand ambassador
- Led full-stack development of scalable e-commerce platform using MERN stack
- Implemented advanced product management system with categories and attributes similar to Amazon's architecture
- Integrated Elasticsearch for fast product searches and voice search functionality with real-time feedback
- Configured secure payment gateway integration and SSL certificates for safe transactions
- Deployed on Digital Ocean VM with Nginx reverse proxy and Cloudflare optimization
- Developed e-commerce platforms (Modulus Sell and Modulus Buy) addressing daily challenges faced by shopkeepers
- Eliminated need for constant distributor inquiries about order status through automated tracking systems