RINKESH

Full Stack Developer

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Summary

I am a dedicated Software Engineer specializing in full-stack web development. I have hands-on experience in building scalable and efficient web applications using modern technologies like Next.js and Node.js. My commitment to performance optimization has led to significant improvements in page load times and user experience. I thrive in challenging environments where I can leverage my skills in front-end and back-end development to deliver high-quality solutions

Skills

HTML · CSS · JavaScript · TypeScript · React · Next.js · Node.js · Express.js · Nest.js · MongoDB · PostgreSQL · MySQL · Redux · Zustand · React Query · WebSockets · AWS S3 · Git · GitHub · Docker · Docker Compose · OAuth

Education

Masai School	Bengaluru
Full Stack Web Development	10/2022 - 12/2023
Rawal Institute	Faridabad
B.Tech (incomplete)	07/2016 - 08/2018
Prince	Faridabad
Secondary Education	03/2015 - 04/2016

Experience

Epesign Technologies	Bangalore, India
Full Stack Developer	02/2024 - Present

A technology firm providing scalable web solutions emphasizing performance and modularity

- Built the entire frontend from scratch using **Next.js**, **Zustand**, and **Tailwind CSS**, focusing on scalability, modular design, and responsiveness.
- Led a comprehensive optimization initiative, **reducing unnecessary API calls by 43%** through advanced profiling techniques, significantly enhancing website efficiency and user experience.
- Leveraged Google Lighthouse audits to raise **page performance scores from 23 to 86**, demonstrating a commitment to technical excellence and industry best practices in web development.
- Developed a dynamic **React-Zustand architecture**, implementing **DRY principles** to create modular, optimized code with advanced state management strategies for enhanced scalability and maintainability.
- Optimized performance using React hooks like **useCallback** and advanced memoization to reduce unnecessary re-renders, improve API efficiency, and enhance server and user performance.
- Implemented **Google Analytics** to track user interactions, gain insights into user behavior, and support data-driven product improvements.
- Built the entire backend from scratch using **Node.js**, **NestJS**, and **MongoDB**, with a focus on scalability, modular structure, and maintainability.
- Optimised Elasticsearch performance by designing intelligent **indexing strategies**, reducing **database load**, **eliminating redundant data**, and enabling fast, efficient full-text search across large datasets with minimal overhead.
- Enabled seamless payment processing with **Razorpay** and **implemented order tracking with real-time status updates**.
- Integrated **AWS S3** for secure **file uploads**, including **Gerber files**, **BOM files**, and **product images**, and managed access to cloud storage efficiently.
- Implemented **role-based access control (RBAC)** for admin, operator, and user functionalities.
- Integrated **Zoho Books API** to automate **invoice creation** for users and vendors, providing multiple invoice formats and options based on the user or vendor type, and keeping track of all sales transactions efficiently.