Rajan Software Engineer

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📍 Hoshiarpur,Punjab,India 144205

🔗 Portfolio Website

in LinkedIn

Github

📇 Profile

Experienced in crafting scalable APIs, proficient in database modeling utilizing Prisma and PostgreSQL, and adept at implementing Redis-based caching and rate limiting. Experienced in working with Dockerized environments, and deploying applications on cloud platforms like Vercel, Render, and Netlify.

🧠 Skills

Languages: JavaScript, TypeScript

Frameworks / Libraries: Next.js, React.js, React Router, Jest, TailwindCSS, React Query, Framer Motion, GSAP, Redux, Material-UI

Concepts: asynchronous programming, closures, ES6+ features, JWT authentication

Tools & Technologies: Docker , Redis , PostgreSQL , Razorpay

🎓 Education

B.Tech (C.S.E)
Beant College Of Engineering and Technology
08/2018 – 08/2022 | Gurdaspur,India
CGPA 7.81/ 10

💼 Professional Experience

Carelon Global Solution
Associate Software Engineer
08/2022 – Present | Gurgaon,India

- Developed and maintained **scalable frontend applications** with React.js, Next.js, and TypeScript, ensuring responsive and accessible UIs.
- Built **interactive UI components** using Material-UI and TailwindCSS, delivering a consistent design system and improved user experience.
- Integrated **REST APIs** with React Query/Redux, streamlining state management and data fetching.
- Optimized performance through **code-splitting, lazy loading, and efficient rendering**, improving load times and Core Web Vitals.
- Collaborated in an **Agile/Scrum environment**, participating in code reviews and ensuring timely delivery of high-quality features.

📂 Projects

Comment.Io ⧉

- Designed a platform that analyzes YouTube comments, automatically classifying them into *positive*, *negative*, and *suggestion* categories.
- Enabled premium users to access advanced analysis features through a secure payment gateway.
- Ensured system stability with rate limiting and optimized data handling for performance.
- Delivered a scalable and secure platform supporting real-time user interaction.

Tech Stack: Next.js, Express.js, Node.js, PostgreSQL, Prisma, Redis, Razorpay Integration,Google Gemini Api,NextAuth.js

NimbuPani ⧉

- Built a cold drink pre-ordering platform that streamlined online beverage reservations during peak demand.
- Delivered a fast, intuitive ordering flow with responsive design and interactive UI elements.
- Ensured safe access through JWT-secured authentication and role-based session management.
- Enabled hassle-free online payments, improving user trust and checkout efficiency.

Tech Stack: Next.js, Node.js, Express.js, Prisma, NextAuth.js, Razorpay, Framer Motion,PostgreSQL

Ikoo ⧉

- Built a **real-time collaborative whiteboard** with Socket.IO ⧉ , enabling multiple users to draw and edit simultaneously.
- Developed an **interactive canvas editor** supporting shapes, movement, resizing, and text input.
- Secured user access with **JWT authentication**, ensuring safe and private collaboration.

Tech Stack: Socket.IO ⧉ , Node.js, Express.js, Prisma, JWT, Canvas,NextAuth.js

Myora Hotel booking ⧉

- Designed a smart hotel reservation system that let users seamlessly browse, book, and manage stays.
- Implemented a conflict-free booking engine that eliminated double-booking issues by locking reserved dates in real time.
- Strengthened platform security with JWT-based authentication and protected booking data.
- Enhanced user engagement with smooth, interactive animations and a modern UI experience.
- **Tech Stack:** Next.js, Node.js, Express.js, NextAuth.js, JWT, Framer Motion