Ronakkumar Patel

No Visa Sponsorship required

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Portfolio: https://ronakpatel.me

Summary

Senior Frontend Engineer with 8+ years of experience building high-performance, scalable web applications using **React.js, Next.js**, TypeScript, and modern JavaScript frameworks. Proven expertise in developing SSR (Server-Side Rendered) and SSG (Static Site Generated) applications using Next.js, resulting in improved SEO and faster load times. Skilled in architecting component-driven UIs, optimizing performance, and ensuring seamless user experiences. Proficient in state management (Redux, Context API), API integrations, and responsive design. Passionate about clean code, accessibility, and delivering pixel-perfect interfaces. Adept at collaborating with cross-functional teams to drive product innovation and efficiency.

Experience

Senior Front-End Engineer – ReactJS Specialist   **(Dec 2020 – Present)**
Apple/Infosys, Sunnyvale CA

- Lead Front-End Developer for SAP HANA-based enterprise applications, delivering scalable and performant solutions with **React and Next.js**.
- Developed and maintained **Next.js applications** with SSR/SSG capabilities, improving SEO by 50% and reducing initial load time for core features.
- Created modular, reusable UI components with TypeScript and integrated **Next.js API routes** to streamline backend communication and reduce latency.
- Architected scalable state management solutions using Redux and React Context API, reducing prop-drilling complexity by 40% across 10+ modules.
- Optimized performance using lazy loading, dynamic imports, and memoization strategies in React and Next.js.
- Built cross-platform mobile apps using React Native, reducing development time by 35% while maintaining a consistent design language.
- Automated 15+ developer tasks with n8n and AI workflows, saving over 20 hours weekly and improving release cycles.
- Collaborated cross-functionally with UI/UX designers, backend developers, and product teams to translate complex requirements into elegant user experiences.
- Conducted peer code reviews and mentored junior developers on modern React and Next.js best practices.

Freelance Front-End Developer   **(Jul 2019 – Nov 2020)**
SCIF, Pleasanton CA

- Developed responsive UI components using React.js, HTML5, CSS3, Bootstrap, and JavaScript, focusing on performance and accessibility.
- Integrated **Next.js** for SSG-based marketing pages and internal tools, reducing page build times by 60% and simplifying deployment.
- Improved site speed by 30% using React Hooks and optimizing client-side rendering patterns.
- Implemented Material UI for consistent visual design and seamless component integration.

- Worked in Agile sprints, delivering updates and collaborating closely with business stakeholders to refine UI requirements.

Software Developer **(Jul 2017 – June 2018)**
GCMT Herbal PVT LTD, India
- Designed and developed an **adaptive e-commerce platform** with a **responsive UI/UX**, ensuring seamless performance across all device sizes.
- Built a **filter-rich, high-performance search engine** using **Elasticsearch**, delivering results within milliseconds.

Technical Skills

- **Frontend:** React.js, **Next.js**, TypeScript, Redux, React Context API, HTML5, CSS3, Tailwind CSS, Material-UI, Bootstrap
- **Backend / APIs:** Node.js, Express.js, REST APIs, **Next.js API Routes**, SAP HANA XSJS, Spring Boot
- **DevOps / Tools:** AWS (EC2, S3), Docker, Git, GitHub Actions, Jest, ESLint, Prettier, n8n, Postman
- **Databases:** MongoDB, PostgreSQL, MySQL, Firebase, SAP HANA

Education
Master of Science in Computer Engineering   May 2020
International Technological University, San Jose, CA

Bachelor of Engineering in Electronics   Jul 2018
Government Engineering College, Gandhinagar, India

Projects

Investment Portfolio Tracker   GitHub**:** https://github.com/Ronnie434/IPT
Tech Stack: NextJS, TypeScript, NodeJS, Python, PostgreSQL, Redis, Prisma

- Developed a full-stack dashboard to track Robinhood investments with real-time updates.
- Fetched and analyzed stocks, options, and dividends using secure backend services.
- Used Redis for caching and Prisma for efficient database operations.

Task Management API   GitHub**:** https://github.com/Ronnie434/Task-Mangement-API
Tech Stack: Node.js, Express, MongoDB, JWT, Socket.io

- Developed a secure RESTful API for task and project management with user authentication via JWT.
- Enabled real-time task updates and notifications using Socket.io for seamless team collaboration.
- Designed scalable MongoDB schema to support multi-user task tracking and role-based access.