

RONAK LALWANI

Senior Frontend Engineer

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PROFESSIONAL SUMMARY

Senior Frontend Engineer with 7 years of experience building scalable, high-performance React applications for international clients across healthcare, fintech, and SaaS domains. Specialized in performance optimization (achieved 35% load time reductions), modern React architectures (Next.js, TypeScript, GraphQL), and comprehensive testing strategies. Proven track record collaborating with distributed teams across US, UK, and South Africa time zones. Passionate about code quality, accessibility, and delivering measurable business impact through technical excellence.

TECHNICAL EXPERTISE

Frontend Core: React.js, Next.js, TypeScript, JavaScript (ES6+), HTML5, CSS3, SCSS

UI Frameworks: Material-UI (MUI), TailwindCSS, shadcn/ui, AntDesign, Responsive Design

State Management: Redux, Context API, TanStack Query (React Query), Zustand

Testing & Quality: Cypress, Jest, React Testing Library, E2E Testing, Unit Testing

Performance: Web Vitals Optimization, Code Splitting, Lazy Loading, Bundle Size Optimization

Build Tools: Vite, Webpack, Next.js Bundler, Performance Profiling

Backend Integration: Node.js, GraphQL, REST APIs, WebSockets, Real-time Systems

Collaboration: Git, Jira, Gerrit, GitHub Actions, CI/CD, Agile, Remote Team Leadership

PROFESSIONAL EXPERIENCE

Senior Frontend Engineer – Healthcare Technology Platform

York IE (Remote Engagement) | March 2025 – Present

Building AI-powered legal case management platform for healthcare litigation serving 50+ law firms.

- Architecting React/TypeScript frontend enabling legal teams to manage medical cases with AI-generated chronologies, reducing case review time from 40 hours to 6 hours per case through intelligent data organization and intuitive UI design
- Implementing multimodal data visualization displaying medical records, billing information, and AI-generated insights, improving case assessment efficiency by 65% as measured through user analytics
- Collaborating with distributed product team across US and India time zones, contributing to agile workflow using Jira and Gerrit for code review
- Established component architecture patterns adopted across frontend team, reducing code duplication by 40% and accelerating feature development

Senior Frontend Engineer – AI-Driven Marketing Platform

York IE (Remote Engagement) | April 2024 – February 2025

Led frontend development for AI-powered campaign management SaaS platform serving enterprise marketing teams.

- Architected scalable admin panel using React, TypeScript, and Redux handling 50,000+ marketing campaigns with real-time performance analytics across 3 integrated dashboards, supporting 200+ concurrent users with sub-second response times through optimized state management and data fetching strategies
- Integrated multimodal AI capabilities generating dynamic charts, statistics cards, and visual components from natural language queries, reducing campaign setup time by 45% and increasing platform adoption by 30% across 40+ enterprise clients
- Implemented comprehensive E2E testing strategy with Cypress covering 150+ critical user flows, achieving 99.2% platform uptime and reducing production bugs by 70% through automated regression testing in CI/CD pipeline
- Collaborated directly with backend engineers, product managers, and data scientists across South Africa, UK, and India contributing to agile workflow using Jira and Gerrit for code review, conducting weekly technical reviews and maintaining thorough API documentation
- Optimized application performance through code-splitting, lazy loading, and React.memo optimization, improving Lighthouse performance score from 68 to 92 and reducing initial load time by 52% (from 4.1s to 2.0s)

Senior Web Developer

FitPeo (Healthcare Technology Startup) | April 2023 – November 2023

Redesigned multi-portal healthcare analytics platform serving 5,000+ medical practices.

- Led complete redesign of 4 interconnected web portals (patient, provider, admin, billing) using React.js and modern component architecture, migrating from legacy jQuery codebase to maintainable React application supporting 10,000+ daily active users
- Achieved 35% performance improvement (page load reduced from 5.2s to 3.4s) through strategic code-splitting, image optimization with Next.js Image component, and elimination of render-blocking resources, directly improving user engagement metrics with 22% reduction in bounce rate
- Spearheaded TypeScript migration across 50,000+ lines of codebase, implementing strict type checking and comprehensive interfaces, reducing runtime errors by 60% and improving developer productivity through enhanced autocomplete and refactoring capabilities
- Built reusable component library with 40+ React components documented in Storybook, accelerating development velocity by 40% and ensuring design consistency across 4 portals used by healthcare providers managing \$2M+ monthly patient billing
- Collaborated with cross-functional teams (design, backend, QA) to deliver HIPAA-compliant healthcare solutions, conducting daily stand-ups and maintaining comprehensive technical documentation for distributed team

Frontend Developer

Clevision Technologies | *October 2018 – January 2023*

Core engineering team for React admin dashboard product line.

- Engineered production-ready React admin templates (Vuexy, Materio, Sneat) achieving 4.8/5.0 rating from 300+ customer reviews on ThemeForest and Envato marketplace, generating consistent revenue stream through template licensing to 2,400+ developers globally
- Architected scalable component systems using React, Next.js, and TypeScript supporting complex admin dashboards with 100+ reusable components, 15+ chart types, and 50+ page templates optimized for enterprise applications requiring extensive data visualization
- Built authentication systems with JWT token management, role-based access control (RBAC), and protected routes serving applications managing sensitive business data across 2,000+ production deployments in fintech, healthcare, and SaaS domains
- Implemented responsive design patterns and accessibility standards (WCAG 2.1 AA compliance) ensuring templates functioned seamlessly across mobile, tablet, and desktop viewports, tested across 15+ browsers and devices
- Mentored 3 junior frontend developers through code reviews, pair programming sessions, and architectural guidance, establishing best practices for component architecture, state management patterns, and TypeScript usage that improved team code quality by 35% measured through reduced code review cycles

- Collaborated with customers internationally providing technical support, customization guidance, and bug fixes, maintaining 4.8/5.0 customer satisfaction rating and building reputation for responsive technical assistance
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KEY ACHIEVEMENTS & PROJECTS

AI-Powered Campaign Management System (2024-2025)

Built enterprise-scale React/Redux application managing 50K+ marketing campaigns with real-time analytics, multimodal AI integration, and 99.2% uptime through comprehensive Cypress E2E testing

Healthcare Portal Redesign (2023)

Led complete modernization of 4 legacy healthcare portals serving 5,000+ medical practices, achieving 35% performance improvement and 60% reduction in runtime errors through TypeScript migration

Production Admin Template Suite (2018-2023)

Created widely-adopted React admin templates serving 2,400+ developers with 4.8/5.0 rating, featuring 100+ components, comprehensive authentication, and WCAG 2.1 AA accessibility compliance

ADDITIONAL QUALIFICATIONS

Remote Work Excellence: 3+ years collaborating with distributed teams across US, UK, South Africa, and India time zones, experienced in asynchronous communication, remote pair programming, and maintaining team cohesion across cultural boundaries

Performance Optimization: Deep expertise in Core Web Vitals (LCP, INP, CLS), bundle size optimization, code-splitting strategies, and performance monitoring, consistently achieving 90+ Lighthouse scores

Code Quality & Testing: Strong advocate for comprehensive testing strategies, type safety, and maintainable code architecture, experienced in establishing testing standards and CI/CD automation

Technical Communication: Proven ability to explain complex technical concepts to non-technical stakeholders, conduct technical presentations, and maintain thorough documentation for distributed team alignment