

# Ravi Khatri

Senior Frontend Engineer

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## PROFESSIONAL SUMMARY

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Senior Frontend Engineer with 5+ years of experience building and shipping production-grade frontend systems for B2B SaaS and large-scale e-commerce platforms. Deep expertise in React, TypeScript, Next.js, Redux Toolkit, and Redux-Saga. Proven track record in performance optimization, accessibility (WCAG 2.1), and frontend architecture including config-driven UI systems, SSR, and serverless AWS integrations. Experienced in leading small engineering teams, conducting structured code reviews, and mentoring junior developers. Consistently delivers measurable outcomes: improved Lighthouse scores, reduced page load times, and lower production error rates in high-traffic applications.

## TECHNICAL SKILLS

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**Languages:** JavaScript (ES6+), TypeScript, HTML5, CSS3 / SCSS

**Frameworks & Libraries:** React, Next.js (SSR/SSG), Angular, Node.js, Express.js, Ionic

**State Management:** Redux Toolkit, Redux-Saga, React Query, Context API

**Performance:** Memoization, Virtualized Rendering, Code Splitting, Lazy Loading, Lighthouse, Bundle Analysis, PR-level Performance Review

**Accessibility:** WCAG 2.1, Semantic HTML, ARIA Labels, Keyboard Navigation, Screen Reader Compatibility, Multi-language / i18n Support

**Testing & Quality:** Jest, React Testing Library, Storybook, ESLint, Sentry

**Cloud & DevOps:** AWS (Lambda, API Gateway, DynamoDB, EC2, RDS, CloudWatch, S3), GitHub Actions

**Auth & Security:** OAuth 2.0, Auth0, JWT, RBAC, Secure API Design

**Tools & Practices:** JIRA, GitHub, Webpack, Vite, Component Architecture, Design Systems, Agile / Scrum, Code Review

## PROFESSIONAL EXPERIENCE

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**SalesHandy** | *Software Engineer 2* | *B2B SaaS* | Jan 2025 – Feb 2026

- Re-architected Lead Finder V2 from scratch: a filter-heavy data platform with 50+ filters and 25K+ daily active users, shipped in under 2 months with a 3-person team.
- Designed a config-driven UI and state layer that fully decoupled filter definitions from rendering logic, allowing product to add new filter types without frontend code changes.
- Managed async complexity with Redux Toolkit: polling, bulk actions, select-all-across-pages, and multi-step workflows with retry logic, eliminating a recurring class of race condition bugs.
- Embedded performance review into the PR process. Improved Lighthouse score from 36 to 70 and reduced page load time from approximately 8s to 3s.
- Reduced Sentry production error count from approximately 60 per day to 20 within 2 months through improved error boundaries, root cause fixes, and tighter logging.
- Built and maintained the internal admin platform on Next.js (SSR) for Customer Support account and subscription management, including tooling for the Inbox Radar subscription tier with zero CS escalations.
- Sole developer on OAuth 2.0 integration for Google and Microsoft sign-in. User acquisition increased approximately 20% within the first month after launch.
- Led the Stripe-to-Paddle payment migration on the frontend: multi-currency pricing UI, tax abstraction flows, and edge cases across international markets.
- Applied WCAG 2.1 accessibility standards across key user flows: semantic HTML, ARIA labels, keyboard navigation, alt text, and multi-language support.
- Wrote Jest and React Testing Library test suites targeting the highest-risk flows: auth, billing, and filter state management.
- Mentored 4 junior engineers through code reviews and pairing. One shipped a complete feature end-to-end independently by the end of the engagement.

**Infosys Ltd** | *Senior Systems Engineer* | *Client: GE Appliances* | Feb 2022 – Jan 2025

- Owned checkout, pricing, and inventory feature development on GE Appliances' React and Redux-Saga e-commerce platform, serving approximately 25K monthly visitors across North America.
- Built a veteran verification and discount flow solo: integrated a third-party verification API into checkout with conditional pricing logic. Sales increased approximately 20% in the quarter after launch.
- Added delivery date estimation at checkout, reducing drop-off at the final purchase step by increasing buyer confidence before committing.
- Built a serverless inventory management system using React, AWS Lambda, API Gateway, and DynamoDB, giving GE's ops team real-time stock visibility across the supply chain.
- Wrote a custom RDS failover health-check script: monitored primary DB via CloudWatch, triggered failback logic automatically, and switched traffic to standby with no manual intervention.
- Configured Auth0 with RBAC across the internal tooling suite, supporting multiple user roles with distinct access levels.
- Ran systematic profiling sessions: eliminated unnecessary re-renders, reduced API payload sizes, and documented patterns for team adoption. Overall application performance improved approximately 30%.
- Led 3 junior engineers through code reviews and architecture decisions. Established frontend standards that reduced production issues over time.

**North Point Technologies** | *Web Developer* | Jan 2021 – Jan 2022

- Built a production dairy management platform in Angular with dashboards tracking daily milk inflow and outflow, quality metrics, and analytics across multiple customers.
- Developed a slot booking system with role-based access control supporting administrator and operational user types.
- Extended the platform to mobile using Ionic with offline synchronization, covering field usage without a separate codebase.

## PROJECTS

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**Coding Buddy** | AI Code Review Assistant | [GitHub](#) | [Live Demo](#)

- Serverless AI-driven code review tool supporting 7 languages, built on the Anthropic API with structured prompt engineering and a strict JSON output schema.
- Implemented rate limiting, request validation, and client-server API key separation to prevent abuse.

**rk-uitk** | React UI Component Library | [GitHub](#) | [NPM](#)

- 10 React components built with Vite, Rollup, TypeScript, and Storybook. Published to npm with minimal bundle size and zero external UI library dependencies.
- Automated publishing pipeline via GitHub Actions covering build, type generation, and npm release on merge.

## EDUCATION

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**Gujarat Technological University** | Bachelor of Engineering, Computer Science | 2020