Vivek Kumar

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Objective

Senior Frontend Engineer with 5+ years of experience building scalable, high-performance web applications used across fintech, SaaS, and enterprise environments. Specialized in React.js, TypeScript, Next.js, performance optimization, micro-frontends, reusable component systems, and end-to-end feature ownership. Known for improving load times, enhancing UI reliability, and collaborating closely with Product, UX, and Backend teams to deliver polished user experiences at scale.

Education

Bachelor of Engineering – Panjab University   2015 – 2019

Skills

Frontend Expertise: React.js, Next.js, JavaScript (ES6+), TypeScript, Redux, React Query, Context API
Performance and Architecture: Micro-Frontends, Code Splitting, Memoization, Lazy Loading, Lighthouse Optimization
Testing and Quality : Jest, React Testing Library, Playwright, Unit/Integration/E2E testing
Collaboration and Leadership: Agile/Scrum, Technical Documentation, Code Reviews, Mentorship
Tools: Git, GitLab, Webpack, Vite, Babel, Postman, CI/CD
Backend and Integration: REST APIs, Node.js, MongoDB, SQL
UI Engineering: HTML5, CSS3, Tailwind CSS, Material UI, Responsive Design, Accessibility (WCAG), Design Systems
Mobile : React Native, Expo, Dynamic Theming, i18n

Experience

ReactJs Developer   Aug 2024 – Present
Satin CreditCare Network – Gurgoan, India

- Designed, developed, and optimized core financial servicing modules in React.js + TypeScript, improving UI responsiveness and minimizing latency in workflows used by internal and field teams.

- Improved page load performance by 40 times through bundle analysis, code splitting, memoization, and on-demand component rendering.

- Built and standardized a reusable UI component library (forms, tables, dropdowns, modals), reducing repetitive front-end code and accelerating feature releases by 25–30 times.

- Developed data-driven pages with state management using Redux Toolkit and React Query, improving data consistency and reducing API overfetching.

- Implemented client-side caching and optimistic UI patterns to keep workflows responsive even on slower networks.

- Conducted accessibility improvements (focus states, keyboard navigation, ARIA mappings) ensuring smoother experience for field operators.

- Spearheaded structured testing practice using Jest + React Testing Library, increasing regression confidence and stabilizing incremental releases.

- Collaborated daily with Product Manager, UX Designer, 3 Backend Engineers, 1 QA, translating requirements into user-friendly UI flows through iterative refinement.

- Introduced UI linting, code formatting standards, and Git branching workflows, improving cross-team collaboration and decreasing merge conflicts.

- Managed debugging and RCA for production issues, reducing UI-side incident recovery time and ensuring minimal downtime during financial operations.

- Delivered React Native modules supporting dynamic themes and i18n, enabling accessible localized experiences across multiple device types.

- Participated in design discussions and architectural decision-making, influencing UI scalability and long-term maintainability of the platform.

Software Developer   Apr 2023 – Jul 2024
Kai-T – Gurgoan, India

- Architected micro-frontend framework enabling independent app module deployment and parallel team development.

- Migrated major codebases from JavaScript $\rightarrow$ TypeScript, improving maintainability, debugging clarity, and onboarding time for new engineers.

- Built and configured GitLab CI/CD pipelines, enabling automated testing + deployment, reducing release turnaround from days to hours.

- Collaborated with Product, Design, QA and Backend for feature planning, grooming, documentation and release cycles.

- Developed reusable internal UI and utility libraries, improving consistency and reducing duplicated work.

- Conducted performance profiling using Lighthouse + React DevTools, identifying bottlenecks and applying targeted optimizations.

- Created detailed technical specification docs and contributed to architectural decision-making discussions.

- Helped streamline Sprint and Agile ceremonies, improving cross-team visibility and delivery predictability.

Associate Software Developer   Jul 2021 – Jan 2023
OpenSense Labs Pvt Ltd – New Delhi, India

- Built a drag-and-drop Page Builder using React Beautiful DnD, empowering content teams to create pages without developer dependency.

- Created customizable data visualization dashboards using Recharts and Chart.js, improving decision-making visibility for internal teams.

- Refactored UI into modular, reusable component layers, reducing code duplication and easing feature extension.

- Optimized component rendering with memoization + key reconciliation improvements, improving UI responsiveness.

- Participated in client demos, solution discussions, and implementation planning.

- Supported documentation and mentored junior developers on component design patterns and reusable UI logic.

- Drove accessibility and responsive design improvements across multiple UI surfaces.

Software Developer   Sep 2020 – Mar 2021
Arnowa Pvt Ltd – New Delhi, India

- Refactored large legacy chart components built on BizCharts and ApexCharts, improving render performance and UI responsiveness.

- Modernized UI layouts to align with modern component structure and state management practices.

- Identified and resolved memory leaks and re-render loops, stabilizing complex dashboard user journeys.

- Assisted in breaking down monolithic UI flows into modular feature-based structures.

- Collaborated with backend team to improve API data formatting, reducing unnecessary UI-side transformations.

Frontend Developer   Apr 2020 – Aug 2020

Beeu Tech – Kolkata, India

- Built responsive UI flows for customer-facing financial applications, improving form completion and engagement rates.

- Implemented UX improvements from user feedback cycles, enhancing overall usability and clarity.

- Ensured cross-browser compatibility and mobile responsiveness across core modules.

- Delivered features under tight timelines in fast-moving Agile environment.