

NITIN KUMAR

FRONT END WEB DEVELOPER | SOFTWARE ENGINEER

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Professional Summary

Front-End Engineer with 3 years of experience in building scalable, performance-driven web applications for enterprise platforms. Skilled in React.js, Next.js and Redux with experience in Micro Front-End Architecture, Core Web Vitals optimization and modular UI development. Proven track record of fixing bugs, improving load times, interactivity and deployment efficiency through optimized rendering, modern tooling and cross-functional collaboration under Agile CI/CD workflows.

Skills

- Core Frontend Technologies: JavaScript (ES6+), React.js, Next.js, TypeScript, Redux, RESTful API Integration, React Query (TanStack Query), HTML, CSS
- Architecture and Performance: Micro Frontends Architecture, SSR/CSR, Web Performance Optimization (WPO), Core Web Vitals, Webpack, Babel
- Design Systems: Accessibility (a11y), Interaction Design, Motion Design, Responsive Design
- Engineering Fundamentals and Tools: Data Structures and Algorithms, ES Lint, GIT, GitHub
- Design Libraries: Tailwind CSS, Material UI, AG Grid, React Apex Charts

Work Experience

Front-End Web Developer | VMA Labs Pvt. Ltd., Bengaluru | 2023 – Present

- Developed scalable front-end modules for enterprise and client-facing platforms, improving load times and maintaining top-tier Core Web Vitals (LCP/CLS).
- Implemented modular components using React.js, Redux and Tailwind CSS, ensuring accessibility, responsiveness and maintainability.
- Utilized React Query for efficient API caching, asynchronous state management, reducing redundant API calls.
- Optimized complex state updates by introducing memoized Redux selectors (Reselect), improving render performance and reducing total render time.
- Collaborated with backend and dev-ops teams to ensure smooth API integration, secured data flow and reliable CI/CD deployments.
- Contributed to the adoption of Micro-Frontend Architecture, enabling independent module deployment and parallel feature development.

RF Engineer (ASE Engineering) | Contractor | Amdocs | 2022 - 2023

- Drafted AT&T (client) blueprints for network deployment in U.S.A. regions (Missouri, Kansas, Arkansas).
- Contributed through AT&T platforms (such as ARAMIS-DT, MIC, CSV) and Google Earth Pro to inspect and draft fiber route implementation and activation maps ensuring fulfillment of service standards.

Recent Projects

My contributions while working at VMA Labs Pvt. Ltd. in recent projects involves:

Company's and Clients' Website Development:

- Collaborated within a small team to design and implement pixel-perfect, responsive front-end experiences for key corporate and client websites, resulting in shorter load duration.
- Ensured cross-browser compatibility and best web performance practices to achieve optimal Core Web Vitals LCP/CLS scores across all deployment parameters.

Vendor Portal Management and Administrator Panel:

- Developed user-facing components and state management for mission-critical business-mechanism modules, ensuring high interactivity, INP/TBT and international business regulations compliance.
- Implemented memoized Redux selectors (Reselect) across multiple modules, improving component re-renders and reducing total render time.

Graduation

Bachelor of Technology – Electronics & Communication Engineering

Chandigarh Engineering College, Mohali (I.K. Gujral Punjab Technical University) | 2014 – 2018

- Graduated with First Division (77.6%)
- Relevant Coursework: C, C++, Data Structures and Algorithms