Thoufeek Rahuman

Senior Software Engineer (Frontend)

Chennai, India

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Professional Summary

Senior Frontend Software Engineer with ~**3 years of experience** building scalable, production-grade web applications using React, Next.js, and TypeScript. Strong expertise in performance optimization, accessibility (WCAG), design systems, and modern rendering strategies **(SSR, SSG, ISR, CSR)**. Experienced in building reusable component architectures, **optimizing bundle** performance, and delivering enterprise-grade UI platforms. Proven track record of improving application performance, **developer experience,** and frontend scalability across multiple product teams.

Professional Experience

Novac Technology Solutions   Chennai

Senior Software Engineer (Frontend)   *04/2025 - Present*

- Pioneered a scalable design system featuring **Storybook and Radix UI,** establishing a 90% adoption rate across all product teams, while ensuring WCAG accessibility compliance for all components.
- Enhanced UI/UX through responsive design, **WCAG accessibility**, and performance optimization.
- Contributed to **design system governance** by standardizing component usage, accessibility rules, and **performance guidelines** across teams.
- Led development of **50+ reusable UI components** adopted across 3 product teams, improving development velocity and consistency.
- Led frontend code reviews across **shared component libraries and multiple application modules**, improving release quality.
- Improved **developer experience** for 5**+ frontend developers** via standardized component APIs and tooling.
- Built pure, reusable, and composable React components using advanced patterns **(HOC, Compound Components, Context API)**.
- Optimized application performance, improving **Lighthouse score** from 68 to 95 and improving **Core Web Vitals (LCP, CLS, INP)** using **lazy loading, memoization, and asset optimization.**
- Engineered scalable API data layers using **TanStack Query** with **caching**, retry logic, and background synchronization.
- Reduced **bundle size** by 35% and improved first load performance by 2.4 seconds using advanced **code splitting** and **tree-shaking** strategies.
- Implemented CI/CD pipelines and enforced **code quality** using **ESLint, Prettier, Husky, and lint-staged**.
- Designed secure and scalable frontend architectures across **monolithic** and **micro-frontend** environments.

Novac Technology Solutions   Chennai

Software Engineer (Frontend)   *07/2024 - 03/2025*

- Developed production features using **React 19, Next.js, Redux Toolkit, Zustand, RTK Query, and Tailwind CSS**.
- Implemented accessible, responsive UI interfaces based on the **Figma design system** by translating **design tokens** into Tailwind CSS configuration, contributing to **design system governance**, and ensuring WCAG accessibility compliance.
- Integrated multiple **REST APIs** supporting **high-frequency UI data updates across production modules**.
- Implemented **unit testing**, increasing UI stability, and reducing regression issues during feature releases.
- Improved **SEO** and web visibility using **semantic HTML, optimized metadata, and performance-driven improvements.**
- Strengthened frontend security using authentication best practices, **input validation,** and **XSS/CSRF** protection strategies.
- Designed modular, scalable **component architectures** to support rapid feature development.
- Collaborated with backend and **QA teams** to reduce production defects and improve release stability.

Novac Technology Solutions   Chennai

Software Engineer Trainee (Frontend)   *07/2023 - 06/2024*

- Trained on modern frontend technologies including **React**, **Tailwind CSS**, **Git**, and **JavaScript**.
- Developed **reusable UI components** and contributed to internal component libraries.
- Assisted in debugging UI issues and improving **code quality** through peer reviews and refactoring.

Education

University of Madras (Distance Education)
Master of Computer Applications (MCA)

Ramakrishna Mission Vivekananda College
B.Sc. Computer Science

Training & Certifications

The Web Developer Bootcamp
Udemy

React Bootcamp at Scrimba
Scrimba

JavaScript (Basics & Intermediate)
HackerRank

React (Basics & Intermediate)
HackerRank

Honours Diploma in Computer Programme (HDCP)
CSC

Technical Skills

Core Frontend Stack
React, Next.js, JavaScript, TypeScript

Styling
HTML, CSS, SCSS, Tailwind, Bootstrap

UI
Shadcn UI, Radix UI, Material UI, Ant Design, Magic UI, Hero UI, Framer Motion, Lenis

State Management & Data Fetching
Redux Toolkit, Zustand, RTK Query, TanStack Query (React Query)

Backend
Node.js, Express, REST APIs, PostgreSQL, MongoDB

Tooling
Vite, Webpack, ESLint, Git, Storybook, CI/CD Pipelines

Testing
Vitest, React Testing Library