NITHIN RAJ S

LEAD FRONTEND ENGINEER | React.js · Next.js · TypeScript

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SUMMARY

Lead Frontend Engineer with **nearly 5 years** of experience building scalable web applications with **React.js, Next.js, and TypeScript**. Started as a full-stack MERN developer before specializing in frontend architecture, performance, and rendering strategies (SSR/SSG/ISR).

EXPERIENCE

Lead Software Engineer **Nov 2025 – Present**

Webandcrafts, Thrissur

- Lead a team of **21 engineers**, owning frontend architecture, code reviews, and delivery across client projects.
- Drove org-wide adoption of **AI-native development** (Cursor, Claude Code, Codex, Antigravity) across **105 engineers**, cutting development time by **50%**.
- Rewrote an internal desktop app from **Electron to Rust + Tauri**, shrinking application size by **90%** (~400 MB to ~40 MB).
- Migrated a legacy **Bootstrap + React class-component** codebase to modern React (function components, hooks) with **Tailwind CSS**, using AI-assisted refactoring workflows.
- **Tech Stack:** React.js, Next.js, TypeScript, Rust, Tauri, Node.js, Tailwind CSS, REST APIs.

Lead Software Engineer **June 2024 – Oct 2025**

Acmeflare Technologies Pvt Ltd, Trivandrum

- Led a team of **7 engineers** on React.js/Next.js products, owning code reviews, mentoring, and frontend architecture decisions.
- Built scalable Next.js apps using **SSR, CSR, SSG, ISR** for performance and SEO.
- Built reusable component libraries and optimized performance with **TanStack Query** and **Redux Toolkit**.
- **Tech Stack:** React.js, Next.js, TypeScript, Redux Toolkit, TanStack Query, Tailwind CSS.

Software Engineer **Jan 2022 – May 2024**

Acmeflare Technologies Pvt Ltd, Trivandrum

- Full-stack contributor on **MERN** and **NestJS** projects — React frontends to Node/Express/NestJS + MongoDB backends.
- Built RESTful APIs and implemented **JWT/OAuth 2.0** authentication with third-party API integrations.
- **Tech Stack:** React.js, Node.js, Express.js, NestJS, MongoDB, Socket.IO.

TECHNICAL SKILLS

Frontend	:	TypeScript, JavaScript, React.js, Next.js (App Router, Server Components)
UI / Styling	:	Tailwind CSS, Material UI, Shadcn UI, GSAP, CSS3, HTML5
State & Forms	:	Redux Toolkit, TanStack Query, Zustand, React Hook Form, Zod
Testing & Quality	:	Jest, React Testing Library, Playwright, WCAG, Core Web Vitals
Backend	:	Node.js, NestJS, Express.js, MongoDB, GraphQL, REST APIs
Desktop	:	Rust, Tauri, Electron
Integrations	:	Axios, Socket.IO, JWT, OAuth 2.0, Razorpay, Stripe, Zegocloud, Fast2SMS
Build & Tooling	:	Vite, Webpack, Turborepo, Storybook, Docker, Sentry, Git, CI/CD
Deployment & Hosting	:	Vercel, Firebase, Render, AWS EC2, NGINX, Route 53
AI Coding Tools	:	Claude Code, OpenAI Codex, Gemini CLI, Google Antigravity, Cursor