

VINEET SHARMA

Senior Front-end Developer | React | Next.js | TypeScript

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Professional Summary

Senior Frontend Developer with **5.6+ years of experience** building responsive, **high-performance web applications** using **React, Next.js, and TypeScript**. Proven expertise in **UI optimization** (delivering **40%+ performance gains**), **modular frontend architecture**, and modern ecosystems including **Redux Toolkit, Tailwind CSS, and Material UI**. Experienced in **Agile environments, cross-functional collaboration, and frontend team leadership**. Strong background in developing **AI-powered conversational web applications, data visualization dashboards**, and **WCAG 2.1-compliant, enterprise-grade UI systems** with a focus on scalability, accessibility, and clean code.

Technical Skills

Programming Languages: - JavaScript | TypeScript

Front-end: - React.js | Next.js | Redux Toolkit | Recoil | Material UI | React Query | Tailwind CSS | Bootstrap | GraphQL | Apollo Client | Storybook | Context API | Styled Component | React-Router | Micro Frontends | jQuery | i18n | REST API Integration | UI/UX | SCSS/SASS | Accessibility (WCAG 2.1) | Cross-Browser Optimization | Performance Tuning | Responsive Design

AI & Conversational UI: Conversational AI UI | Streaming UI (SSE/WebSockets) | Prompt-driven UX | Structured AI Response Rendering

Back-end: - Node.js with Express.js | ES6+

Databases: - MongoDB | MySQL | PostgreSQL

Tools & IDE(s): - Git | Postman | JIRA | Trello | Swagger | AWS | CI/CD | Google Cloud (Basic Familiarity) | Agile | VS Code | Figma

Testing & Optimization: - Jest | Lighthouse | Webpack (Custom Configuration) | Babel

Professional Experience

FiftyFive Technologies Pvt Ltd — Senior Software Engineer

Dec 2023 – Present

- Led frontend development across enterprise AI and analytics platforms (Q-Brain, Scaleflow, LogEasy) deliver conversational AI, real-time dashboards, and log intelligence solutions.

- Built AI-driven conversational interfaces with SSE/WebSocket streaming, structured response rendering, and visualization layers for executive decision-making.
- Developed reusable design system using React, TypeScript, Redux Toolkit, MUI & Tailwind, reducing code redundancy by 25% across projects.
- Implemented complex data visualization modules (Recharts, tables, drilldowns) used in Q-Brain insights and Scaleflow monitoring.
- Designed export workflows (PDF, sharing, reporting) enabling business-ready outputs from AI platforms.
- Optimized frontend performance via custom Webpack tuning, memorization, and API caching, improving load time by ~35%.
- Ensured WCAG 2.1 AA compliance, responsive architecture, and cross-browser compatibility for enterprise clients.
- Integrated REST APIs & real-time pipelines for analytics and AI responses across multiple products.
- Practiced TDD with Jest, improving stability and maintainability of large-scale codebases.
- Mentored junior developers, conducted code reviews, and contributed to architecture decisions.

Itoby Infotech Pvt. Ltd — Software Engineer

Aug 2020 – Dec 2023

- Worked on enterprise-grade platforms like **Veeva CRM**, **TapGoods**, **Seaborn**, and **Aspiration Neo Banking**.
- Implemented modular and scalable architecture using **React.js**, **Redux**, **Recoil**, and **Tailwind CSS** for high-quality web apps.
- Created dynamic and visually engaging dashboards using **ApexCharts** and **Material React Table**.
- Automated testing using **Cypress** with **Cucumber** (Gherkin syntax) to streamline release processes.
- Enhanced **localization (i18n)**, accessibility, and performance optimization with tools like **Lighthouse**, **Webpack**, and **Babel**.
- Ensured responsive design using **SCSS**, **Bootstrap**, and **Material UI**, increasing user engagement across platforms.
- Collaborated closely with backend and QA teams using Agile methodologies (Scrum & Jira) to deliver features on tight deadlines with high code quality.

KEY PROJECTS

Q-Brain (Advanced AI Web App)

Tech Stack: React.js, TypeScript, Redux Toolkit, Material UI, Tailwind CSS, Shadcn, Recharts Chart Libraries, REST APIs, WebSocket's/SSE, Jest, WCAG 2.1 AA

Project Overview:

Q-Brain is an enterprise-grade AI-powered web application that enables business users and executives to ask natural-language questions on organizational data and receive intuitive, visualization-driven insights with export and sharing capabilities.

Key Contributions:

- Led and mentored a **2-member frontend team**, driving architecture decisions, task breakdown, and code reviews to ensure scalable and maintainable UI delivery.
- Owned the **end-to-end frontend development** of an AI-powered conversational web app enabling natural-language data queries with real-time streaming responses.
- Built **high-impact data visualization dashboards** (charts, tables, drill-down interactions) to convert AI insights into executive-ready visuals.
- Implemented **conversation lifecycle management** (sessions, renaming, organization, pinning) to improve usability and user retention.
- Delivered **export & sharing features** (selective insights, PDF generation, email workflows) supporting executive reporting needs.
- Ensured **WCAG 2.1 AA compliance**, responsive layouts, and performance-optimized UI for enterprise-scale usage.
- Collaborated closely with **backend, data, and design teams** to deliver phased releases aligned with business goals and BRD scope

Business Impact:

- Accelerated **question-to-insight turnaround** for senior leadership through conversational AI UX.
- Improved frontend delivery speed and quality through **clear ownership and team coordination**.
- Enabled **scalable insight sharing** across stakeholders via exportable, visualization-driven outputs.

Scaleflow (Storage Scaling Platform)

Tech Stack: React.js, Redux Toolkit, Node.js, Express, TypeScript, Material UI, Tailwind CSS, AWS Code Pipeline, Jest, Apex Charts, Fuse Theme

Project Overview:

An intelligent cloud storage scaling platform enabling real-time data monitoring, automated resource scaling, and analytics dashboards for enterprise clients.

Key Contributions:

- **Architected a scalable front-end framework** using React.js and Redux Toolkit, improving Lighthouse performance score from **70 to 95** and reducing DOM re-render time by **30%**.
- **Developed dynamic, responsive dashboards** using Material UI, Tailwind CSS, and Apex Charts for real-time resource visualization.
- **Integrated REST APIs and WebSocket-based updates** for live scaling metrics and automated alerts.
- **Implemented AWS CI/CD pipelines** via Code Pipeline and Code Build for zero-downtime deployments and release automation.
- **Created 15+ reusable UI components and widgets**, increasing code reuse by **40%** across modules.
- **Customized Fuse React theme** for consistent design language and improved accessibility (WCAG 2.1 compliant).
- **Improved testing coverage to 90%** using Jest and React Testing Library, ensuring robust and maintainable code.

- **Collaborated with cross-functional teams** (backend, QA, DevOps) to deliver production-ready builds with 100% uptime and seamless user experience.

LogEasy (Log Management)

Tech Stack: Next.js, React.js, Redux Toolkit, Tailwind CSS, Material UI, Apex Charts, Node.js, Fuse Theme, AWS, Jest

Project Overview:

An AI/ML-driven log management and visualization platform for analyzing system logs, detecting anomalies, and improving operational efficiency.

Key Contributions:

- **Designed and developed AI-powered dashboards** using React.js, Redux, and Tailwind CSS, enabling real-time log visualization and filtering.
- **Integrated NLP-driven APIs** to support intelligent log search and pattern recognition for quick issue resolution.
- **Implemented server-side rendering** and route optimizations to improve SEO and reduce initial page load by 30%.
- Worked on multiple modules including SSR/SSG pages, **dynamic routing, API routes, and performance optimization.**
- **Optimized API integration and state management** using Redux Toolkit, improving data processing speed by 35%.
- **Implemented CI/CD pipelines** and unit testing (Jest) for stable and automated deployments.
- **Customized Fuse React theme** for a unified design and intuitive UX across multiple modules.
- Collaborated closely with data science and DevOps teams to ensure efficient back-end integration and high system uptime.
- **Reduced log query response time by 25%** through optimized API handling and state management.

Aspiration (Neo Banking Platform)

Tech Stack: React.js, Redux Toolkit, Bootstrap, Jest, HTML5, CSS3, Node.js

Project Overview:

Aspiration is an enterprise-grade Neo Banking Support Platform that enables agents and supervisors to manage customer queries, service calls, and onboarding workflows through a centralized, responsive portal — improving operational efficiency and overall customer experience.

Key Contributions:

- **Delivered modular banking features** using React and Redux, reducing customer onboarding time by 30%.
- **Developed responsive UIs and reusable components** across core modules (accounts, cards, transactions), improving maintainability by 25%.
- **Integrated REST APIs** for **secure** agent-customer communication and real-time financial data updates.
- Built modular SCSS architecture using reusable mixins, variables, and component-level

styling.

- **Implemented unit testing with Jest**, achieving **90% code coverage** and faster QA cycles.
- Collaborated with designers and QA to streamline user journeys and ensure frictionless customer experience.
- Worked with backend and design teams to optimize API flows and UI transitions, reducing onboarding time by 30% and increasing support resolution efficiency by 20%.

Veeva CRM (Healthcare CRM for AstraZeneca)

Tech Stack: React.js, Node.js, Recoil, PostgreSQL, Tailwind CSS, HTML5, CSS3

Project Overview:

A CRM platform built for healthcare enterprises to help field representatives manage clients, appointments, and real-time medical data access.

Key Contributions:

- **Built responsive CRM modules** using React.js, Recoil, and Tailwind CSS for AstraZeneca's sales and medical teams.
- **Integrated backend APIs and real-time map/doc sync** features, enhancing mobile access and reducing data sync latency by **40%**.
- **Developed reusable UI components** and logical abstractions to improve scalability and code efficiency.
- **Wrote unit tests and reusable hooks**, improving stability and reducing regression defects by **30%**.
- Partnered with QA and PMs via JIRA for agile sprint planning and smooth release cycles.
- **Contributed to sprint planning and design discussions**, ensuring timely feature delivery aligned with medical compliance standards.

Professional Strengths

Communication | Problem-Solving | Agile Collaboration | Autonomy & Ownership | Cross-Functional Coordination | Code Review & Mentorship | Attention to Detail

Education

- **Bachelor of Computer Applications (BCA)** IGNOU, Delhi
- **Master of Computer Applications (MCA)** IGNOU, Delhi (Ongoing, 5th Semester)

