

VIGNESHWAR S

Frontend Developer (React)

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Summary

Frontend Engineer with 7+ years of experience building scalable, high-performance, and user-focused web applications. Specialized in React, modern JavaScript, UI engineering, accessibility (WCAG), and performance optimization. Proven impact at Zoho Corporation delivering frontend systems for large user bases, improving Lighthouse performance, SEO, and accessibility across high-traffic global websites.

Technical Skills

Frontend: React, JavaScript (ES6+), Redux Toolkit, RTK Query, Web Components, Typescript

UI Engineering: HTML5, CSS3, SCSS, LESS, Responsive Design, Bootstrap

Performance & Accessibility: Lazy Loading, Memoization, Lighthouse Optimization, WCAG (a11y), SEO

Testing & Tooling: Jest, React Testing Library, MSW, Webpack, Vite, Git, npm

APIs & Data: REST APIs, JSON, Axios, Fetch, async patterns

Design Tools: Figma, Adobe Photoshop, Adobe XD, Illustrator

Professional Experience

Web Developer — ZOHO Corporation (Feb 2020 – Present)

- Core frontend engineer in the Zoho Japan Web Team, owning end-to-end development and maintenance of multiple high-traffic Zoho Japan product websites (CRM, Desk, Campaigns, Zoho One).
- Led frontend development of the Zoho CRM Japan Academy platform, implementing OTP-based authentication, user history tracking, and learning progress tracking.
- Enabled onboarding of thousands of new users by building stable, performant, and intuitive learning interfaces for first-time CRM users.
- Improved application performance through memoization, bundle optimization, and strategic lazy loading, improving Lighthouse performance scores by ~15%.
- Worked extensively on SEO improvements and WCAG accessibility compliance across Zoho Japan websites and ManageEngine products.

- Collaborated closely with designers and product managers to deliver accessible, cross-browser UI features.
- Built reusable UI components and contributed to shared Web Components used across multiple ManageEngine products.

UI Developer — K2B Solutions (Jan 2018 – Feb 2020)

- Built responsive, production interfaces with pixel-accurate design fidelity.
- Integrated APIs and optimized load performance across multiple projects.

UI / UX Design Intern — Doodleblue Innovations (Oct 2017 – Dec 2017)

- Worked on wireframes, UI foundations, and responsive design systems.
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Projects & Showcase

Zoho CRM Japan Academy Platform

- Built and optimized a learning platform for onboarding CRM users in Japan, including OTP authentication, learning progress tracking, and performance optimizations.

Zoho Events Platforms (Zoholics, Zoho Inspire)

- Handled frontend user flows and responsive UI for large-scale Zoho Japan events platforms.

Developer Productivity Tools (AI-assisted)

- Built internal Chrome extensions and tooling for SEO validation, email template checks, Web Component acceleration, and pixel-perfect UI validation.

Weather App (React, REST APIs - Personal Project - GitHub)

- Built a React-based weather application that fetches real-time weather data and dynamically displays city-based visuals using external APIs, with clean component structure and efficient async data handling.

Mini Product Filter (React, Custom Hooks - Personal Project - GitHub)

- Developed a React-based debounced product search using custom hooks to optimize API calls, reduce unnecessary network requests, and deliver responsive user input feedback.
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Education

Bachelor of Engineering — Electronics & Communication, Jawahar Engineering College (2013–2017)

Languages

Tamil, English, Sourashtra