

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 for global audiences. Specialized in React, modern JavaScript, UI engineering, accessibility (WCAG), and performance optimization. Core contributor at Zoho Corporation, delivering frontend systems for high-traffic Japan and global websites serving thousands of users, with measurable improvements in Lighthouse performance, SEO visibility, and accessibility compliance.

Technical Skills

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

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

Performance & Accessibility: WCAG, SEO, Cross Browser & Lighthouse Optimization, Lazy Loading

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 interfaces for 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

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 using AI-assisted workflows (ChatGPT, Copilot, Claude) and tooling for SEO validation, email template checks, Web Component acceleration, and pixel-perfect UI reviews.

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