Elangovan Venkatraman

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PROFESSIONAL SUMMARY

Frontend Developer with 5 years of experience building scalable, performant web and mobile applications. Strong expertise in React.js, Redux TypeScript, and component-driven development. Skilled in building reusable UI systems, cross-browser compatibility, accessibility (WCAG 2.1), and cloud deployment. Also experienced in delivering Flutter-based mobile apps for enterprise pharma clients in Agile/Scrum environments.

TECHNICAL SKILLS

Frontend Development: React.js, Redux, JSX/TSX, HTML5, CSS3, Bootstrap, Tailwind CSS, Material-UI

Programming Languages: JavaScript (ES6+), TypeScript, Dart

Mobile Development: Flutter, Dart, Bloc, GetX, Provider

Testing & Code Quality: Jest, React Testing Library, Storybook, ESLint

Version Control: Git, Bitbucket

CI/CD & Deployment: Jenkins, Acquia Cloud

CMS: Drupal (API integration), WordPress

Backend: Node.js (SSR), REST APIs, SQLite

Workflow: Agile/Scrum, Jira, ServiceNow, Mobile-first development

EXPERIENCE

Frontend Developer – React.js | HCL TECH   **May 2023 – Present**

* Developed and maintained a scalable React.js frontend using a shared monorepo architecture for 150+ brand websites, ensuring WCAG-compliant, responsive UIs with TypeScript, Redux, code-splitting, and lazy loading.
* Worked across 70+ re-usable UI components-improving features, fixing bugs, & aligning with brand and accessibility standards.
* Integrated content from Drupal CMS using REST APIs, handled page templates, custom blocks, and multilingual support.
* Managed global state with Redux Toolkit and Context API, improving performance and reducing re-renders by 25%.
* Ensured cross-browser compatibility with unit testing (Jest, React Testing Library) and 85%+ test coverage. Documented and maintained Storybook for 70+ reusable UI components to ensure consistency across teams.
* Styled components using Tailwind CSS, Bootstrap, and custom SCSS for a cohesive and responsive design system.
* Maintained high code quality with ESLint rules and Git-based code reviews in an Agile sprint workflow.
* Deployed via Jenkins CI pipelines to Acquia Cloud with build tagging, rollback support, and performance monitoring.

Front-end Developer – React.js | HCL TECH   **Feb 2021 – Apr 2023**

* Maintained and enhanced cross-platform mobile apps(e.g., Gabayka, HK BC App) using Flutter and SQLite.
* Implemented state management using Bloc, GetX, and Provider for clean, modular architecture.
* Supported multilingual healthcare websites (e.g., YouandEye) using Wordpress CMS and customized plugins/themes.
* Applied UI enhancements, implemented responsive layouts, and ensured compatibility across Android and iOS platforms.

PROJECTS

US Pharma - Novartis| React.js   **May 2023 – Present**

* Built a shared frontend framework for 150+ pharma websites using React.js, TypeScript, and Tailwind CSS.

* Integrated Drupal CMS for multilingual content, documented UI system in Storybook.

* Improved accessibility (WCAG 2.1), load performance, and code maintainability through component abstraction.

* Actively fixed critical frontend bugs during releases, contributing to a stable and bug-free production environment.

* Coordinated with QA teams to debug critical production issues and validate fixes before release.

* Collaborated closely with design and accessibility teams to audit and improve WCAG 2.1 AA compliance across shared components.

Roche Pharma |Flutter & Wordpress   **Feb 2021 – Apr 2023**

* Developed multilingual, responsive mobile apps (Flutter) and healthcare websites (Wordpress) for patient engagement.

* Applied Bloc, Getx for state management, improving app modularity and performance across Android and iOS.

* Delivered responsive healthcare websites (Gabayka, YouandEye) in wordpress with themes and plugins.

* Integrated Google Analytics to monitor user engagement and improve feature tracking across platforms.

* Improved user engagement and accessibility through intuitive UI/UX, SEO, and mobile-first design strategies.

CERTIFICATIONS

Flutter Mobile App Development |LearnCodeOnline.in

Namaste React - Project Based Learning|Namastedev.com

EDUCATION

Velalar College of Engineering, Erode   **B.E in ECE**|CGPA: 8.59   **July 2016 – August 2020**