

VAISRAV

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PROFESSIONAL SUMMARY

Frontend & Mobile Application Engineer with **8+ years** of experience designing and developing responsive web and mobile applications using **React.js**, **React Native**, and **SwiftUI**. Strong background in building scalable, user-centric interfaces, integrating REST APIs, and optimizing application performance. Experienced in Agile delivery models, accessibility standards (WCAG AA), and cross-functional collaboration within enterprise consulting environments. Known for writing clean, maintainable code and adapting quickly to new client domains and technologies.

TECHNICAL SKILLS

Frontend Development: HTML5, CSS3, SASS, JavaScript (ES6+), TypeScript, React.js, Next.js

Mobile Application Development: React Native, SwiftUI, Kotlin

State Management & UI Practices: Component-Based Architecture, Reusable UI Components, Responsive Design, Zustand, Redux, Context API

Backend & API Integration: Python, REST APIs, GraphQL, Node.js, Express, Firebase, MongoDB

Tools & Platforms: Git, JIRA, Chrome DevTools, Lighthouse, GitHub Actions, Fastlane, Vite

Testing: Jest, React Testing Library, XCTest

Methodologies & Standards: Agile (Scrum), Kanban

Performance & Accessibility: Web Performance Optimization, Lazy Loading, Code Splitting, WCAG 2.1 (AA)

EXPERIENCE

Frontend & Mobile Application Engineer
Synechron – Toronto, ON

January 2023 – Present

- Developed responsive web applications using **React.js**, **Next.js**, and **TypeScript**, implementing server-side rendering for improved SEO and performance.
 - Contributing to frontend and mobile application development for enterprise clients using **React.js**, **React Native**, and **SwiftUI**, focusing on performance, usability, and scalability.
 - Developed a full-stack dashboard using Next.js and **TypeScript** with server-side rendering for improved SEO and initial load performance.
 - Building cross-platform mobile applications using **React Native** and implementing native iOS features using **SwiftUI** where required.
 - Developed responsive, utility-first styling for dashboard components using **Tailwind CSS** to streamline UI development and ensure design consistency.
 - Creating reusable **UI components** and shared design patterns to improve development speed and maintainability across projects.
 - Developed and integrated **RESTful API** endpoints using Node.js and Express to support custom backend functionality for the full-stack dashboard application.
 - Working closely with **UX designers** and product owners to convert wireframes and requirements into clean, production-ready interfaces.
 - Optimizing frontend performance using lazy loading, code splitting, and Lighthouse recommendations.
 - Ensuring accessibility compliance by applying **WCAG AA** standards across web and mobile interfaces.
 - Actively participating in **Agile** development practices, including sprint planning, stand-ups, and code reviews.
 - Supporting production deployments, resolving UI defects, and implementing enhancements based on client feedback.
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Software Engineer
TA Digital (now Credera)

March 2019 – October 2022

- Developed modular and reusable frontend components using **React.js**, reducing development effort and improving maintainability across projects.
- Migrated enterprise websites to **AEM 6.5** by building cloud-ready components and integrating third-party plugins, significantly improving page performance and scalability.
- Implemented analytics data layers using Google Analytics to track user behavior and support data-driven UX improvements.
- Applied WCAG 2-AA accessibility standards within **SAP Hybris CMS** environments, improving compliance and user accessibility.
- Optimized application performance using **Lighthouse** insights and frontend best practices, enhancing overall site responsiveness.
- Worked closely with QA and backend teams to resolve defects and ensure smooth production releases.

Software Engineer
Wholemark Pvt Ltd

March 2018 – March 2019

- Supported development of web applications using JavaScript and React.js under the guidance of senior engineers.
- Assisted in building responsive UI components and improving frontend performance and usability.
- Developed Python scripts for data processing and analysis, contributing to improved business insights.
- Collaborated on API development and integration efforts, improving data flow between internal and external systems.
- Participated in requirement discussions, testing cycles, and production support activities.

EDUCATION

George Brown College – Toronto, ON

Postgraduate Diploma, Mobile Application Development | 2023

GPA: 3.9

Jawaharlal Nehru Technological University, Hyderabad Bachelor
of Technology – Computer Science | 2019

- First Runner-Up, Smart India Hackathon 2018
- Chairperson, Convergence Technical Fest
- Runner-Up, Open House Competition (ArduiNO HORN)

PROJECTS

- **Toronto City Tourism App (SwiftUI):** Implemented authentication, personalized favourites, and MongoDB integration for efficient user data management.
- **VS Code HTML Boilerplate Extension:** Automated project setup by generating structured HTML boilerplates directly in the workspace.
- **Favourites Countries App (React Native):** Built country browsing and favourites functionality to enhance user navigation and engagement.
- **EV Saving Calculator (Kotlin):** Calculated annual savings for EV adoption using fuel, mileage, and utility cost comparisons.
- **Car Renting Services App (React Native):** Developed dual applications for owners and renters with MongoDB-backed data management.
- **Chef Claude AI Recipe App (React.js):** Integrated Hugging Face AI APIs to generate recipes dynamically based on user inputs.