

YUVARAJ R

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SUMMARY

Software Engineer with 1 year of professional experience in building scalable, user-friendly, and responsive web and mobile applications. Skilled in modern JavaScript frameworks, cross-platform development, and UI libraries. Strong team player experienced in agile workflows, version control, and collaborative tools. Successfully delivered 5+ projects across diverse domains including healthcare, education, tourism, and enterprise applications.

SKILLS

- HTML5, CSS, JavaScript, TypeScript
- React.js, React Native, Next.js
- Redux, Redux Toolkit, Zustand
- Data Structures and Algorithm
- MySQL, MongoDB
- MUI, Bootstrap, Tailwind CSS
- REST API, Axios
- React Router, React Navigation, WebSockets,
- Git, Jira, Figma, Adobe XD, Web Dev Tools, Redux DevTools, React Testing Library
- JWT authentication, Firebase Cloud Messaging (FCM), and Agile (Scrum/Kanban)

PROFESSIONAL EXPERIENCE

Adhiran Infotech | Chennai
Software Engineer

Jun 2024 - Current

- During my role at Adhiran Infotech, I focused on developing and maintaining scalable web and mobile applications with a strong emphasis on frontend engineering. I built responsive UIs using React.js, React Native, and modern libraries such as Bootstrap, Material UI, and Tailwind CSS, ensuring seamless cross-device experiences, and implemented asynchronous programming for efficient data handling.
- I implemented global state management with Redux Toolkit, optimized API interactions using Axios, and integrated authentication and third-party services including Razorpay and Firebase. Additionally, I designed dynamic forms with Formik & Yup, enabling multi-step input handling and validation.
- Working closely within Agile/Scrum teams using Figma and Jira, I collaborated with UI/UX designers, backend engineers, and stakeholders to deliver high-quality solutions. My contributions spanned across multiple domains—Healthcare, Education, Tourism, and Enterprise—where I successfully delivered end-to-end projects, streamlined workflows, and enhanced overall product performance.

Technokryon | Chennai
Intern – Software Development

May 2024 - Jun 2024

Gained hands-on experience in frontend development by building interactive user interfaces with React.js and implementing state management using Redux. Acquired foundational knowledge of TypeScript, component-based architecture, and lifecycle methods. Collaborated with the team to enhance workflows, improve debugging skills, conduct code reviews, share knowledge, and contribute to application development initiatives.

EDUCATION

B.E CSE - Computer Science and Engineering

Nov 2020 - Jul 2024

Muthayammal College of Engineering, Rasipuram

CGPA: 7.9 | Full-time education

PROJECTS

Edumaat – Centralized Web Application

Apr 2024 - Current

- Contributed to the development of Edumaat's dual-interface platform with portals for Admins and End Users (edumaat.com)
- Designed and implemented two core layout structures: Authenticated Layout (post-login) and Root Layout (public-facing pages) in collaboration with designers to enhance user experience (UX).
- Implemented form state management and validation with Formik & Yup across multiple dynamic forms.
- Utilized Redux Toolkit's addMatcher API to dynamically manage global loading and error states for async operations.
- Integrated a CMS-like admin panel, enabling admins to:
 - Create and update page content, banners, service details, and FAQs dynamically.
 - Manage role-based access and authentication.
 - Publish content that instantly reflects on the end-user portal without code changes.
- Implemented role-based access control (RBAC) and authentication flow.
- Supported 48+ subscription-based services across Starter, Smarter, Professional, and Enterprise plans.

Tech Stack: React.js, TypeScript, Redux Toolkit, React Router DOM, MUI, Tailwind CSS, Formik, Yup

Astro Learning Platform – Web & Mobile E-Learning System

Nov 2024 - Mar 2025

- Built a full-featured e-learning platform with Admin (Web) and Student (Mobile) portals. Implemented course & quiz management, subscription payments (Razorpay), and role-based access control.
- Added push notifications (FCM) for real-time updates.
- Integrated a CMS-like admin panel, enabling admins to:
 - Create and update page content, banners, service details, and FAQs dynamically.
 - Manage role-based access and authentication.
 - Publish content that instantly reflects on the end-user portal without code changes.
- Implemented role-based access control (RBAC) and authentication flow, allowing end users to raise support tickets for subscribed services.
- Supported subscription-based services across different plans.

Tech Stack: React.js, Redux Toolkit, React Router, MUI, Bootstrap, React Native, React Navigation, Formik, Yup, FCM, Razorpay API

Patient Engagement – Healthcare Mobile App

Jul 2024 - Nov 2024

- Created a cross-platform app for patients & doctors with JWT authentication, document access, and real-time WebSocket streaming for AI-driven facial expression analysis during sessions.
- Built scalable state management with Redux Toolkit.
- Collaborated with analysts and stakeholders to ensure compliance with healthcare usability and security standards, while driving performance optimization

Tech Stack: React.js, Redux Toolkit, React Router, MUI, Bootstrap, React Native, React Navigation, Formik, Yup, FCM.

CERTIFICATION & ACHIEVEMENTS

- Consensus Academy (JavaScript) - Good Performer
- Technokryon - Software Development Trainee

SOCIAL LINKS

- **LinkedIn:** Yuvaraj-r
- **GitHub:** Yuvaraj