

MUTHU KUMARAN M

FULL STACK DEVELOPER | FRONTEND DEVELOPER (REACT.JS)

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PROFESSIONAL SUMMARY

Results-driven Full Stack Developer with 3 years of experience building responsive, high-performance web applications using React.js, JavaScript, HTML5, and CSS3, along with Next.js, Angular, and TypeScript. Proven track record of reducing application load times by 30% and cutting reconciliation workflows by 70% through efficient frontend architecture and RESTful API integration. Comfortable working across the stack with Node.js, with working knowledge of SQL and jQuery, and experienced collaborating with cross-functional business and technical teams in Agile/Scrum environments using ticketing tools such as JIRA. Passionate about clean code, scalable component systems, and seamless, data-driven user experiences.

TECHNICAL SKILLS

Frontend: React.js, JavaScript (ES6+), HTML5, CSS3, jQuery, Next.js, Angular, TypeScript

Styling & UI: Tailwind CSS, SCSS, Bootstrap, Responsive Design, Component-Based Architecture, SPA

State Management: Redux, Context API

Backend & Data: Node.js, PHP, CodeIgniter, RESTful API Integration, JSON Data Handling, SQL, MongoDB, Firebase, Supabase

Tools & Practices: Git, GitHub, VS Code, Postman, Figma, Webpack, Vite, JIRA (ticketing/tracking), Agile/Scrum

Quality & Performance: Unit/Functional Testing, Debugging, Lazy Loading, Cross-Browser Compatibility, Perf. Optimisation

AI & Dev: GitHub Copilot, ChatGPT, Claude — AI-assisted debugging & code optimisation

WORK EXPERIENCE

Frontend Developer | INET Secure Labs, Chennai

May 2024 – Present

- Developed scalable, responsive web applications using Angular, TypeScript, HTML, CSS, and Bootstrap, ensuring cross-browser compatibility and adherence to accessibility standards.
- Built reusable component libraries and optimised performance via lazy loading and state management — improved load time by 30%.
- Integrated RESTful APIs and handled JSON-based data exchange, collaborating with backend engineers for seamless end-to-end data flow in production applications.
- Performed unit and functional testing, debugging, and issue triage to ensure quality releases; tracked enhancements and bug fixes through internal ticketing workflows.
- Delivered clean UI/UX architecture with a focus on accessibility standards, performance benchmarks, and technical documentation.

Key Projects:

- INETCSC (Angular)** — Dynamic API-driven modules and reusable UI component library.
- I Work (CodeIgniter)** — Task-tracking interface with jQuery-based DOM interactions and automated reporting workflows for 50+ users.
- I Hub (Services Hub)** — Real-time analytics dashboard integrated with 5+ external data sources.
- Corporate Model (Angular)** — Corporate travel booking system with multi-level approval workflow.
- Copzee (Current)** — Flight booking API integration, real-time search, and booking flow optimisation.
- Reconciliation Tool (Next.js)** — Automated ledger comparison module with SQL-based data checks, reducing reconciliation time by 70%.

Web Developer | Focus Edumatics, Chennai

Nov 2022 – Mar 2024

- Developed responsive web applications using HTML5, CSS3, JavaScript, React.js, and Tailwind CSS across multiple client projects.
- Built scalable SPAs using React Hooks and reusable functional components, improving code maintainability.
- Converted Figma designs into pixel-perfect UIs with a strong focus on accessibility and cross-device UX consistency.
- Integrated REST APIs using Axios and Fetch; handled async state, loading indicators, JSON data, and error scenarios.
- Refactored legacy class-based React components to modern functional architecture, boosting performance and maintainability.

Graduate Apprentice Trainee | Hyundai Motors India, Chennai

Jan 2020 – Jan 2021

- Gained hands-on exposure to enterprise-level manufacturing workflows and cross-functional team collaboration.
- Applied analytical, structured problem-solving skills in a fast-paced engineering environment.

EDUCATION

B.E. Automobile Engineering — IRTT, Erode | 75%

2015 – 2019

HSC (Class XII) — AMHSS, Thiruvannamalai | 85%

2014 – 2015

SSLC (Class X) — AMHSS, Thiruvannamalai | 95%

2013 – 2014

KEY COMPETENCIES

React.js • Next.js • Angular • TypeScript • JavaScript • HTML5 • CSS3 • jQuery • Tailwind CSS • Node.js • RESTful APIs • JSON Data Handling • SQL • State Management (Redux/Context API) • Responsive Design • Component Architecture • Agile/Scrum • Performance Optimisation • Cross-Browser Compatibility • Git • UI/UX Implementation • Figma