

Aravinthan Thangarasu Frontend Developer

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PROFILE

Dynamic Frontend Developer with 5+ years of experience in React.js, Redux, and 2+ years in TypeScript. Skilled in building secure, scalable web apps integrating REST/GraphQL APIs. Experienced in designing employee platforms and internal tools with a focus on responsive design, accessibility (WCAG), and GPT-powered enhancements. Strong in performance optimization, debugging, and delivering clean, maintainable code.

PROFESSIONAL EXPERIENCE

Engineer - Product and Platform

Nov 2022 – present | Chennai, India

Altimetrik India Pvt Ltd

- Contributed to FamVault, an enterprise-grade internal platform, enhancing security and file-sharing for employees.
- Developed a secure document management system with React + TypeScript, integrating REST APIs and GraphQL.
- Migrated React components to Next.js with Vite, leveraging SSR/SSG for faster performance.
- Improved accessibility by implementing WCAG/ARIA-compliant UI patterns.
- Collaborated with designers (Figma) to deliver responsive intranet-like UIs across devices.
- Explored GPT-powered API integration for intelligent document workflows.

Associate Engineer - Product and Platform

Nov 2020 – Nov 2022

Altimetrik India Pvt Ltd

Bangalore, India

- Worked on Intuit projects, implementing scalable solutions for financial applications and enhancing automation strategies.
- Collaborated with Design teams to analyze and implemented new features, enhancing UI/UX and functionality.
- Utilized the Karate Framework for end-to-end API automation, developing 200+ test scenarios with an 80% success rate, improving backend reliability.
- Delivered merge requests on time, ensuring timely project releases and seamless CI/CD pipeline execution.
- Worked closely with backend engineers, ensuring API integrations were efficient and scalable.

Web Developer

Jan 2020 – May 2020 | Chennai, India

Gnanamani Ventures Pvt Ltd

- Led the development of ScienceBazaar, an e-commerce platform for scientific products, focusing on performance optimization, code quality, and scalable front-end architecture.
- Transitioned to a Front-End Developer, optimizing HTML, CSS, JavaScript, and ReactJS to reduce bundle size by ~30% and improve initial page load time.
- Led and delivered 18 projects on time, optimizing component rendering and state management to reduce application load time by ~35% and improve runtime performance.
- Developed 12+ responsive web applications, improving scalability, optimizing asset sizes, and cutting unit test execution time by ~40% through efficient test setup and reusable mocks.

TECHNICAL SKILLS

Frontend: React.js, Redux Toolkit, JavaScript, CSS, Bootstrap, Responsive Design, Accessibility (WCAG/ARIA), Wordpress, Figma

DevOps/Cloud: AWS (S3, EC2), Terraform, Ansible, Jenkins

Tools & Testing: Jest, React Testing Library

UI Design: Adobe XD, Figma, Performance Optimization

PROJECTS

MadeUp E-Commerce Website [🔗](#)

React.js, JavaScript, HTML, CSS

- Built a fictional e-commerce platform with product listings, filtering, cart, and checkout.
- Used Redux Toolkit for state management and React Hook Form + Yup for validation.
- Designed responsive UI with Tailwind CSS and added Framer Motion animations.
- Optimized performance with lazy loading and code splitting.

Node.js To-Do App [🔗](#)

Node.js, Express.js, ReactJs

- Developed a full-stack task app with CRUD operations and RESTful APIs.
- Built a React.js frontend and connected it with MongoDB for persistence.
- Showcased backend fundamentals like routing, middleware, and API integration.

CERTIFICATIONS

Frontend Developer (React) - HackerRank - 2024 [🔗](#)

DevOps Bootcamp - UpGrad - 2023 [🔗](#)

AWARDS

Rise and Shine - Altimetrik India Pvt Ltd (2024, 2023)

Recognized for technical growth, contributing alongside senior developers and for transitioning from testing to development, improving product functionality.

Pat On the Back - Altimetrik India Pvt Ltd (2024, 2021)

Appreciated for commitment, completing tasks efficiently with minimal supervision, and quickly learning PDV/PDR processes to provide crucial project support.

Best Entrepreneur – Panimalar Engineering College (2020)

Recognized for innovative ideas at the MotoCare college event.

EDUCATION

B. Tech Information Technology

Panimalar Engineering College

2016 – 2020 | Chennai, India