

S Jegatheeswaran

jegathees35@gmail.com | sjegatheeswaran.com

+65 8131 4986

Professional Summary

Frontend Developer and Team Lead, delivering fast, modern web apps with React, TypeScript, and Tailwind CSS. Skilled in API integrations, Agile delivery, and building great user experiences. Proven ability to lead teams, ship high-quality code, and turn ideas into polished products.

Experience

Senior Software Engineer & Team Lead, Synapxe

Apr 2021 - Current

Woodlands Health Patient Self-Service Stations

- Led frontend development for a comprehensive web application managing appointments, payments, and medications using React and TypeScript.
- Integrated Redux Saga and Axios for scalable and maintainable API communication with backend services.
- Translated Figma UI designs into responsive, user-friendly interfaces in collaboration with design teams.
- Coordinated with vendors to integrate hardware such as K80 printers and NETS UPOS devices.
- Delivered the project on time; currently used by thousands of patients daily to manage their healthcare services.
- Mentored junior developers and participated in code reviews to maintain high code quality standards.

Senior Frontend Developer, Synapxe

Apr 2021 - Current

HealthHub Application Medication Refill Service

- Migrated legacy system to a modern React + TypeScript + Tailwind stack, improving performance and maintainability across web and mobile platforms.
- Built responsive, accessible UI components based on Figma to support medication refill workflows.
- Collaborated with end users to gather feedback, resolve bugs, and improve usability.
- Handled full SDLC, including development, SIT, UAT, and production deployment, with a focus on code quality.
- Optimized shared codebase for cross-platform compatibility, enabling a consistent experience across both mobile and desktop versions of the app.
- Contributed to the successful delivery of a healthcare app used by millions in Singapore, reinforcing commitment to deadlines and team collaboration.

Network System Software Developer

Jan 2020 – Dec 2020

ST Engineering Electronics (Satellite Communications)

- Developed an Ethernet module for iDirect modem in Man-Pack Satellite Antennas using libcurl and cJSON.
- Processed satellite GPS data using C++ for an Android app supporting army navigation and services.

Projects

Personal E-Portfolio

<https://siegatheeswaran.com/>

- Showcased programming skills and personal projects through a personal portfolio website.

ClarityReceipts (Receipts and Expense Tracking)

<https://receipt-tracker-omega.vercel.app/>

- Integrated Convex DB and Clerk for secure user authentication and profile handling.
- Utilized SSR for efficient data display and built AI features using OpenAI and Claude for PDF analysis with inngest AI Agent workflow.
- Built a fully responsive AI SaaS using React, TypeScript, NextJS, Tailwind CSS.

AI Content Creator Agent

<https://ai-agent-brown-seven.vercel.app/>

- Designed full-stack AI SaaS using OpenAI and Claude to analyze Youtube links and generate titles, thumbnails, transcripts, detailed shooting script for content creation.
- Created backend schema and API logic, integrated Convex and Clerk for data and auth management.
- Deployed fully responsive AI SaaS (Software-as-a-Service) application on Vercel using Next.js and Tailwind CSS.

Education

Bachelor of Systems Engineering

Sep 2017 – Apr 2021

(Electromechanical Systems) - Honours with Distinction

Singapore Institute of Technology (SIT)

Technical Skills

Proficient: JavaScript ES6+, React (with Hooks), Next.js, Redux, TypeScript, Tailwind CSS

Familiar: SQL, Node.js, Git, GitHub, npm, Yarn, React dev tools, Jest, React Testing Library, Vercel (Cloud Hosting & CI/CD)

Referees

References available upon request.