

PROFESSIONAL SUMMARY

Senior Software Engineer with 12+ years of experience designing and delivering scalable, high-performance web applications. Specialized in modern front-end development using React, TypeScript, and JavaScript, with strong full-stack capabilities in Node.js, Java, and cloud platforms (AWS). Proven track record in leading teams, modernizing legacy systems, and optimizing applications for performance and scalability. Passionate about clean architecture, UI/UX excellence, and continuous improvement.

KEY SKILLS

- ★ **Frontend:** React.js, TypeScript, JavaScript (ES6+), Next.js, Vue.js, Svelte, HTML5, CSS3, SCSS
- ★ **State Management:** Redux, Redux Toolkit (RTK), Zustand, Context API, Vuex, React Query (TanStack Query)
- ★ **Backend:** Node.js (Express, NestJS), Java (Spring Boot), PHP (Laravel)
- ★ **Databases:** PostgreSQL, MySQL, Prisma
- ★ **Cloud & DevOps:** AWS (Lambda, S3, EC2), GCP, Firebase, CI/CD, GitHub Actions, Terraform
- ★ **Testing:** Jest, Playwright, Vitest, React Testing Library
- ★ **Tools:** Git, Vite, Webpack, pnpm, Yarn, ESLint, Prettier, SonarQube
- ★ **UI/UX:** Tailwind CSS, MUI, Styled Components, Figma, Adobe Photoshop
- ★ **Other:** Microservices, REST APIs, GraphQL, WebSockets, Headless CMS (Strapi), Agile (Scrum/Kanban)

PROFESSIONAL EXPERIENCE

Senior Front-End Developer - 212F Labs

Oct 2025 - Present · New Zealand (Hybrid)

- Led modernization of loyalty platform admin applications by upgrading stack: React 16 → 19, Redux → Redux Toolkit (RTK), CRA → Vite, JavaScript → TypeScript, Yarn → pnpm
- Consolidated 20+ repositories into a scalable monorepo architecture, significantly improving maintainability and developer productivity
- Designed and implemented CI/CD pipelines using GitHub Actions and AWS Amplify, enabling automated builds, testing, and deployments
- Built high-performance, data-intensive dashboards with virtualization, dynamic configuration, and smooth animations for large-scale datasets
- Improved application performance and user experience through optimized rendering, code-splitting, and efficient state management
- Accelerated large-scale migrations and refactoring using AI-assisted development tools, reducing manual effort and delivery time
- Developed responsive, accessible, and cross-browser compatible interfaces following modern web standards (WCAG)
- Collaborated closely with UX/UI designers and backend engineers to deliver seamless, scalable, and high-quality user experiences

Technologies: React.js, TypeScript, JavaScript (ES6+), Redux Toolkit (RTK), Vite, pnpm, HTML5, CSS3, AWS Amplify, GitHub Actions

Specialist Senior Software Engineer - Optimum Infosolutions (M) Sdn Bhd

Mar 2023 - Dec 2025 · Malaysia (On-site)

Project: PROPEL (SingLife)

- Delivered end-to-end features across frontend and backend using React, Vue.js, Node.js (NestJS), and PostgreSQL
- Designed and optimized RESTful APIs and database queries, improving system performance and scalability
- Implemented efficient server-state management and API caching using **TanStack Query**, reducing redundant requests and improving load times
- Led code reviews and contributed to CI/CD pipeline improvements, enhancing deployment efficiency and system reliability
- Played a key role in system architecture decisions and mentored junior engineers
- Troubleshoot and resolved complex production issues across UI, backend logic, and infrastructure layers
- Performed root cause analysis and deployed hotfixes to ensure system stability
- Improved monitoring and observability using Grafana
- Created and maintained technical documentation in Confluence for knowledge sharing and faster issue resolution
- Collaborated with cross-functional teams to resolve high-priority incidents and deliver critical enhancements

Technologies: Vue.js, Node.js, NestJS, TypeScript, JavaScript, PostgreSQL, Prisma, Redux, Tailwind CSS, Storybook, Figma, Postman, Swagger, AWS, GitLab, Jira, Grafana, Agile

Project: DirectSales (SingLife)

- Developed high-performance single-page applications using React and TypeScript, improving UI responsiveness and maintainability
- Built reusable, scalable UI components to accelerate development and ensure consistency across the platform
- Collaborated in Agile sprints, contributing to estimation, planning, and on-time delivery of features
- Conducted code reviews and mentored developers, improving overall code quality and team productivity
- Translated Figma designs into responsive, accessible, and cross-browser compatible interfaces
- Strengthened code structure and organization through best practices and modern frontend architecture

Technologies: React.js, TypeScript, JavaScript (ES6+), Redux, Jest, HTML5, SCSS, Storybook, Figma, AWS

Tech Lead - EFutures (Pvt) Ltd

Jul 2021 - Feb 2023 · Sri Lanka (Hybrid)

- Led a team of front-end developers, providing mentorship, code reviews, and technical guidance to ensure high-quality delivery
- Designed and implemented scalable, maintainable, and high-performance frontend architectures across multiple projects
- Collaborated with UX/UI designers, backend engineers, and stakeholders to deliver seamless, user-centric applications
- Owned sprint planning, estimations, and Agile delivery, ensuring timely and efficient project execution
- Established coding standards, best practices, and CI/CD processes to improve code quality and team productivity
- Drove performance optimization initiatives, improving application speed, accessibility, and overall user experience

Project: Qbrick - Video Platform

- Led the complete front-end redesign of the video editing platform, improving user experience, performance, and mobile responsiveness
- Introduced reusable component architecture and modern styling approaches (Styled Components) for better scalability
- Implemented CI/CD pipelines using Jenkins to streamline deployments
- Built a mobile-first, responsive platform optimized for cross-device compatibility

Technologies: React.js, Redux, JavaScript, HTML5, CSS3, SCSS, Styled Components, Figma, Bitbucket, Jenkins, Jira

Project: Borsdata - Analytics Platform

- Led development of a real-time analytics dashboard with interactive data visualizations
- Integrated Highcharts for dynamic charting and implemented efficient state management solutions
- Optimized application performance and achieved high scores in Lighthouse (performance, accessibility, best practices)
- Leveraged Next.js for server-side rendering (SSR) to improve SEO and page performance

Technologies: React.js, Next.js, TypeScript, HTML5, SCSS, Azure DevOps, Highcharts

Senior Software Engineer - Pearson

Jul 2016 - Jul 2021 · Sri Lanka (On-site)

- Contributed to development and maintenance of **StatCrunch**, a large-scale web-based statistics platform
- Progressed from Software Engineer to Senior Software Engineer, supporting frontend and backend modernization initiatives
- Worked on modernization of a legacy PHP application by introducing **React.js** for frontend development
- Developed reusable UI components using React, Redux, JavaScript, HTML5, and SCSS
- Migrated and transformed a legacy PHP monolith into a **Java Spring Boot microservices architecture**
- Led and contributed to **AWS cloud migration**, moving infrastructure from on-premise data centers to AWS services
- Improved application performance, scalability, and user experience through system and UI enhancements
- Collaborated with cross-functional teams including product managers, engineers, and TechOps in an Agile environment
- Worked closely with US-based teams to deliver high-quality features aligned with business requirements
- Participated in code reviews and ensured adherence to coding standards and best practices
- Contributed to CI/CD pipelines and deployments using Jenkins and Git-based workflows

Technologies: React.js, JavaScript, TypeScript, Redux, Jest, Webpack, HTML5, SCSS, Java (Spring Boot), PHP, MySQL, AWS (S3, Aurora), Jenkins, Git, Bitbucket, Jira

UI/UX Engineer - EFutures (Pvt) Ltd

Dec 2013 - Jul 2016 · Sri Lanka (On-site)

- Designed and developed responsive web interfaces based on client requirements
- Created high-fidelity UI/UX prototypes and translated them into production-ready code
- Built and maintained CMS-driven websites using platforms such as WordPress, Drupal, and Magento
- Collaborated closely with clients to gather requirements and ensure alignment with business goals
- Worked on multiple projects involving UI implementation, performance improvements, and responsive design

Technologies: HTML5, CSS3, SCSS, JavaScript, jQuery, Bootstrap, Angular, PHP, MySQL, WordPress, Drupal, Magento, Adobe Photoshop, Adobe Illustrator

Web Developer (Volunteer) - Vision for Humanity Charitable Trust

Aug 2025 - Oct 2025 · New Zealand (Hybrid)

- Developed React components using Material UI for user interface improvements
- Integrated Strapi headless CMS for efficient content management and media handling
- Improved backend integrations using Node.js APIs
- Maintained and enhanced WordPress websites to ensure performance and usability
- Collaborated on delivering responsive and accessible web features

Technologies: React.js, JavaScript, Node.js, Material UI, Strapi (Headless CMS), WordPress, HTML5, CSS3, Git

EDUCATION

Bachelor of Computer Science (HONS) | 2009 - 2012

Universiti Industri Selangor | Batang Berjuntai, Selangor Darul Ehsan, Malaysia.

Foundation Information Technology | 2007 - 2009

Universiti Industri Selangor | Batang Berjuntai, Selangor Darul Ehsan, Malaysia.

G.C.E. Ordinary Level Examinations | 2006

J/Nelliady Central College | Jaffna, Srilanka.

CERTIFICATIONS

- [Claude Code in Action](#) - Anthropic (Feb 2026)
- [UX Management: Strategy and Tactics](#) - Interaction Design Foundation (Apr 2021)
- [Become a UX Designer from Scratch](#) - Interaction Design Foundation (Jan 2021)

ADDITIONAL INFORMATION

Visa status : New Zealand open work permit.

Reference : Referees on request.

Salary : Open to negotiation

Thank you. Yours truly,
A. Ajanthan (Ajay)