**Wen Ming Lee**

Senior Web Frontend Developer

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# Profile

# Senior Software Engineer with 8+ years of expertise in JavaScript and modern technology stacks. Proven ability to deliver innovative and visually appealing web applications, translating complex requirements into responsive user experiences. Skilled in both individual and collaborative development, with a focus on clean, maintainable code and staying updated on industry trends. Strong problem-solving skills, attention to detail, and dedication to enhancing user satisfaction through intuitive interfaces and seamless interactivity.

# Skills

TypeScript, Tailwind CSS, Bootstrap, Material UI, Chakra UI, SCSS, Styled Components, Chart.js

**Backend:** Node.js, Nest.js, Express.js, PHP, Python, RESTful APIs, GraphQL, WebSocket, Firebase, Docker

**Cloud & DevOps:** GCP, AWS, Docker

**Testing:** Jest, Cypress

**Tools & Workflow:** Git, GitHub, GitLab, Bitbucket, Jira, Asana, Trello

**Methodologies:** Agile, Scrum, Kanban

Professional Experience

## Senior Front-End Engineer, Eucalyptus Labs 06/2022 – present

Successfully developed and launched 3 Ecosystem, Introduction, and Marketing websites using Nuxt.js•

Designed and developed a real-time blockchain explorer web application for Kadena using Nuxt.js and• WebSockets, providing users with an intuitive interface for exploring the network's data

Implemented a scalable architecture for the Kadena blockchain explorer using WebSockets, allowing• the application to handle high volumes of real-time data without sacrificing performance or reliability Ensured exceptional user experience by converting over 50 Figma Screen designs into pixel-perfect and• fully mobile-responsive websites with Tailwind CSS

Demonstrated strong problem-solving skills by resolving module dependencies that appeared during• an update to a new Nuxt.js 3.0 release candidate

Streamlined the content management process by creating Strapi CMS schemas that are admin-friendly• and integrated them into websites

Significantly optimized API requests by calling API endpoints that interact with Strapi CMS using Axios,• leading to a 30% reduction in traffic usage

Effectively implemented Nuxt/Pinia for the state management system and centralized all states of the• website to handle data flow

Demonstrated exceptional teamwork by collaborating on Github workflow, server management, and• Strapi CMS systems to ensure flexible operations

Received positive feedback from the Kadena community for the user-friendly design and real-time• updates provided by the blockchain explorer, contributing to increased adoption and awareness of the Kadena network

Maintained a well-organized workflow by actively participating in Agile ceremonies like weekly standup and end meetings and using Asana as the workflow management platform

## Senior Frontend Engineer, Studyportals 09/2020 – 04/2022

# Delivered systematic technology solutions that aligned with project requirements, ensuring successful project delivery and high-quality standards.

# Refactored a legacy codebase to React, reducing page load time by 50% and enhancing user experience.

# Migrated a large-scale JavaScript codebase to TypeScript, improving code maintainability and minimizing runtime errors.

# Built and launched a fully responsive web application with React.js, Redux, and Material UI, improving user engagement and achieving a modern layout.

# Developed a reusable React component library, reducing development time by 30% and ensuring consistent UI/UX across the application.

# Created 30+ Material UI components optimized for responsiveness across various screen sizes.

# Designed and optimized the database structure to improve performance, ensure data consistency, and eliminate redundancy.

# Enhanced application performance through seamless front-end and back-end integration, leveraging Redux, Middleware, Redux Persist, and AsyncStorage for robust state management.

# Mentored 2 junior developers, fostering their professional growth and contributing to project success.

# Education

SCHOOL OF COMPUTER SCIENCE AND ENGINEERING

Nanyang Technological University (Singapore) 2015 – 2019