Scott Liu

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WORK EXPERIENCE

Portcast, Singapore

**Senior Frontend Developer**, Jan 2024 – Jun 2024

* Utilized Node.js, WebRTC, and WebSockets to build a real-time communication module, enabling users to

collaborate and share music in real time.

* Conducted comprehensive performance analysis and optimization of the UI through techniques such as code refactoring and optimizing Next rendering processes. This resulted in a significant improvement in application performance.
* Collaborated with the client to gather requirements and translate them into technical specifications, ensuring alignment with the desired product.
* Implemented chat functionality with features including real-time text and image messaging, push

notifications, message history, and infinite scrolling

Link Compliance, Kuala Lumpur, Malaysia

**Frontend Developer**, Oct 2020 – Dec 2023

* Engineered an Angular v16-based web application, integrating Tailwind CSS. Prioritized accessibility by ensuring full compliance with WCAG 2.2 standards, including keyboard navigability and screen reader accessibility across all pages.
* Separated Angular project from its Go back end, enabling Angular to be deployed and served separately from Go. This allows for better separation of concern and an independent release schedule.
* Suggested internationalization strategies using NGX-translate and Angular2 translation implementation.
* Developed a three-day training course to build enterprise-level software using Angular2 and Redux.
* Wrote E2E and unit testing functionalities with WebDriverIO. Defined Angular components, filters, directives, and routes.

Xenyo, Hong Kong

**Web Developer**, Aug 2017 – Sep 2020

* Implemented features using accessible and maintainable React code, including optimistic updates, error handling, drag-and-drop actions, batch updates, and more.
* Led the development of a UI component library in Storybook, which eased the development of the app thanks to many pre-built primitives such as date pickers, dropdowns, buttons, and others.
* Implemented features using accessible and maintainable Vue code, including optimistic updates, error handling, drag-and-drop actions, batch updates, and more.
* Conducted code reviews and assisted other engineers with problems and ideas.
* Used AWS as the backend and implemented it for client-side communication.

EDUCATION

Bachelor of Science in Computer Science

National University of Singapore

Apr 2013 – May 2017

SKILLS

HTML5, CSS3, JavaScript, TypeScript, React.js, Next.js, Vue.js, Angular, Tailwind CSS, Material UI, REST APIs, Node.js, Go,JQuery, AWS, MySQL, PostgreSQL, Agile, MongoDB, Jest, Docker, Jenkins, E2E Testing.