

Lance Yu

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Front-end Developer | React Expert

I'm a Front-End Developer with a passion for creating intuitive and engaging user interfaces. With a strong foundation in HTML, CSS, and JavaScript, as well as experience with modern frameworks like React and Next.js, I strive to build responsive and accessible web applications that provide a seamless user experience.

Skills

Programming Language	Libraries & Frameworks	Tools & Platforms	Soft
JavaScript (ES2015+), TypeScript, HTML, CSS, Sass, Markdown	React, Next.js, Express.js(Node), jQuery, Tailwind CSS, Styled Components, Bootstrap5, Ant Design, Axios, React Query, Zustand	Git, GitHub, Storybook, Docker, Webpack, Figma, Zeplin	Communication, Teamwork, Problem Solving, Adaptability, Creativity

Employment

Personal Goal Pursuit • Australia Nov 2023 - Current

After dedicating several years to frontend development, I started traveling around Australia in a campervan. This journey wasn't just about exploring diverse landscapes, cultures, and experiences; it was also a chance to recharge and gain fresh perspectives. During my travels, I immersed myself in Australia's multicultural communities and natural wonders, broadening my horizons and deepening my appreciation for the world around me, and revitalized my energy and creativity.

Now, I'm eager to bring these newfound insights and renewed enthusiasm back to the workforce, ready to tackle new challenges and contribute to innovative projects with a fresh perspective.

Front-end Developer • Champ Sep 2022 - July 2023 | Taipei, Taiwan

- P1M1 is a new back-office project for a betting company, initiated with Next.js. We managed to launch the first version in just seven months, which was a significant achievement for the team. As a result of our diligent efforts in submitting 99% of the Scrum tickets on time, we successfully completed the high-performance project on schedule.*
 - Designed and developed a comprehensive Next.js back-office application from inception to launch.
 - Utilized TypeScript's type system to define clear and predictable interfaces and enforce stricter data typing.
 - Designed responsive and user-friendly web interfaces, leveraging the power of Tailwind CSS.
 - Crafted user interfaces using Ant Design, ensuring rapid development and seamless user experiences.
 - Utilized Zustand hooks to access state and actions within React components, enhancing code reusability and maintainability.
 - Utilized React-Query to efficiently fetch, manage, and cache data, resulting in improved application performance.
 - Work alongside product & project managers, designers, and other engineers to transform creative concepts into refined digital experiences at an agile (2 week) cadence.
- QRP (Quick Response Page) live preview involves integrating a preview function into the QRP system as per client specifications. Users should be able to easily select from multiple templates in dropdown menus to customize their*

website. Upon selection, the chosen template's preview will be displayed within an iframe at a designated position. This functionality provides users with a clear visualization of the template's appearance and positioning. Ultimately, users will have the capability to preview the entire page before finalizing and submitting it.

- Developed QRP using jQuery.
- Spearheaded the development of a preview feature for QRP using React.js, allowing users to visualize changes in real-time before submission.
- Implemented communication between parent and iframe components using the postMessage Web API, enabling seamless interaction and data exchange across different parts of the application.

Front-end Developer • Funpodium Apr 2020 - Aug 2022 | Taipei, Taiwan

- *Platform back-office is a software tailored towards five betting sites across South East Asia. Each service in Platform back-office is developed based on individual user requests but designed as microservices to facilitate future integration into other projects. Each service encompasses functionalities commonly used across multiple betting platforms and is customized for individual clients.*
 - Designed and developed six microservices, incorporating both Role Service and User Service functionalities.
 - The User Service overseeing user access, authentication, and the management of third-party login methods.
 - Led the development of a robust Role Service to oversee hierarchical user permissions across microservices, resulting in fortified security measures and improved access control.
 - Implemented a Higher Order Component (HOC) to enforce user permissions on pages, guaranteeing that only authorized users can access specific routes.
 - Utilized React Hooks to craft a utility component, empowering the control of user permissions within individual components.
 - Reviewing UI designs, designed and defined microservice API contracts using Markdown, ensuring clear and consistent communication between frontend and backend teams regarding API endpoints, request bodies, and response formats.
 - Implemented code comments using JSDoc, providing comprehensive documentation for functions and components to improve code readability and maintainability.
 - Integrated RESTful APIs seamlessly with Axios, enabling smooth data communication between the front-end and back-end systems.
 - For a period of nine months, assumed the role of acting project manager while serving as a frontend developer, leading meetings and facilitating communication between the company's backend team, the backend team in Malaysia, and the design team to strategize project directions.
- *I spearheaded the development of Funpodium's official website alongside our intern team. As the company expanded, there was a growing need to integrate additional information onto the website, leading to the creation of the official website.*
 - Developed official website using jQuery.
 - Integrated Bootstrap 5 components and utilities to streamline development and improve code maintainability.
 - Led the development and maintenance of the company's official website in collaboration with internship team members.
 - Conducted code reviews and mentored internship developers, promoting best practices and code quality.

Education



Tamkang University

Taipei, Taiwan

Bachelor of Engineering in Computer Science and Information
Engineering