

# XUN LI (LEE)

## Software Engineer

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### PROFESSIONAL SUMMARY

As a Full-Stack Developer with a passion for front-end design and development, I have over three years of experience designing and building scalable and efficient web applications using modern technologies such as React.js, Next.js and Redux. My strong problem-solving skills and attention to detail have allowed me to consistently deliver successful projects on time and to specification in a cross-functional environment.

I am a highly passionate and motivated individual with a strong desire to stay up to date with the latest technologies and best practices in the industry. I am open to relocation for the right opportunity to enhance organizational success and personal growth.

#### PROGRAMMING

- HTML5, CSS, SASS
- JavaScript/ES6, Typescript
- C#, Java, PHP
- Swift

#### CONCEPTS

- SSG, SSR
- Responsive design
- RESTful API design and development
- JWT, AJAX

#### DATABASE

- MongoDB
- PostgreSQL
- MySQL
- SQLite

#### SOFTWARE

- WordPress
- Visual Studio Code
- IntelliJ IDEA
- pgAdmin
- Postman
- GitHub
- Jira

#### FRAMEWORKS

- jQuery
- React.js, Vue.js, Next.js, Redux, Redux Thunk
- Node.js, npm/yarn
- Google Maps Embed API

#### METHODOLOGIES

- Agile, Scrum

### WORK EXPERIENCE

**Front-End Developer**, University of Tasmania (*March 2023 – Present*)

As a Front-End Developer at University of Tasmania, I successfully developed the front-end of the TAS Test, which contributed to the collection of valuable data for analysis in a research project investigating the potential of the TAS Test to predict cognitive decline and subsequent risk of dementia. I also implemented responsive design principles to ensure the TAS Test was accessible on a wide range of devices, including mobile phones and tablets, using Vue.js and its built-in mobile-first design features.

- Designed and developed the front-end of the TAS Test using Vue.js framework, HTML, SASS, and TypeScript.
- Utilized Vue.js to create and maintain reusable components and libraries, resulting in improved development efficiency and scalability.
- Collaborated with the research team to ensure the TAS Test met research aims and objectives, and that it was user-friendly and accessible to study participants.
- Conducted regular code reviews and implemented best practices to ensure code quality and maintainability, leveraging Vue.js-specific patterns and principles.
- Worked closely with UX/UI designers to ensure the TAS Test had a consistent design language and visual identity throughout, using Vue.js components to achieve design goals.
- Collaborated with back-end developers to integrate front-end functionality with server-side APIs, leveraging Vue.js components and Vuex state management.

### **Full-Stack Developer, Async Working (August 2022 – March 2023)**

As a Full-Stack Developer at Async Working, I was part of a team developing a web application for custom basketball and tennis court design. Customers can choose from various templates or fully customise their court, while administrators have access to tools for efficient information interaction and management. I have utilised a range of programming languages and agile development methodologies in my role and am passionate about creating intuitive user-interfaces.

- Focused on designing and developing the front-end using React.js and Next.js
- Building reusable components and optimising application for different devices using Tailwind CSS
- Integrating with back-end using RESTful APIs and JSON Web Token for authentication and authorisation
- Managing states with Redux and Redux Thunk
- Implementing SSR and SSG practices for performance and SEO
- Collaborating with back-end focused developers to design and implement RESTful APIs and database schema
- Participating in agile development methodologies including code reviews and team meetings
- Working with internal users to meet business goals

### **Software Engineer, AMC Group (Internship Contract) (August 2021 – December 2021)**

My responsibilities include designing and implementing web applications using a variety of technologies, collaborating with cross-functional teams, utilising agile development methodologies, and staying up to date with industry best practices. I am also responsible for building relationships with clients and team members and communicating effectively with all stakeholders involved in a project.

- Implementing web application using React, Typescript, HTML5, CSS3, SASS, JSON, and responsive web design
- Providing RESTful API based on MongoDB and designing database tables
- Designing and coding application components in an Agile environment using a test-driven development approach
- Splitting web page into independent components and designing reusable components
- Using functional components and React Hooks to implement reusable components
- Collaborating with development team to analyse and understand business or user requirements in order to create detailed database design models

## **EDUCATION & QUALIFICATIONS**

**Master of Information Communication Technology (Software Engineering),** University of Tasmania  
(February 2019 – December 2020)

**Full-Stack Development Certification, JR Academy** (March 2022 – July 2022)

## **REFERENCES**

References available upon request.