

Liang Shi

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SUMMARY

Passionate and detail-oriented Full Stack Engineer with over 5 years of experience in developing scalable, high-performance web applications. Proficient in modern frontend and backend technologies, including Next.js, React, Python. Adept at building responsive user interfaces, implementing robust APIs, and optimizing applications for performance and security. Passionate about AI-driven solutions.

WORK EXPERIENCE

Software Engineer

Aug 2022 – Present

Soniq Digital Media Pty Ltd

Remote

- Developed and maintained **Next.js applications** with optimized performance and UI/UX best practices.
- Built responsive, performant, and accessible UI components with **Tailwind CSS**
- Built interactive web applications using **React, Next.js, Typescript and Tailwind CSS**
- Developed and maintained multiple **Python-based** modules for internal and external clients, customizing existing solutions and creating new ones to enhance operational efficiency and client satisfaction.
- Collaborated with cross-functional teams on Agile methodologies including Scrum and Kanban for requirement gathering/analysis resulting in successful delivery of multiple projects.
- Built Amplify applications utilizing AWS technologies such as S3, EC2, Lambda.
- Experience working with **SQL databases (MySQL, PostgreSQL)**

Frontend developer

Feb 2021 – Aug 2022

Outz Pty Ltd

Adelaide, SA

- Developed and launched a management system utilizing React, React Hooks, and Bootstrap to facilitate dashboard management and product oversight, leading to improved operational efficiency and user satisfaction.
- Collaborated with a compact development team to design and implement key system functionalities for both internal and external users, focusing on enhancing the administrative and user interfaces.
- Partnered closely with UI designers to optimize the company's official website. Emphasized responsive design principles and implemented user-friendly navigation features.
- Developed a mobile-based ordering platform. Created a responsive, user-friendly interface optimized for mobile devices, enabling customers to place orders easily and efficiently. Integrated payment gateways and real-time order tracking.

Frontend developer

Dec 2021 - May 2022

Freelancer

Adelaide, SA

- Independently developed a feature-rich forum module using React and related technologies, supporting posting, replying, liking, and other interactive features.
- Engineered a robust QA section capable of displaying an array of questions with dynamic graph visualizations in React, triggered by specific user queries to improve informational accessibility and user experience.

Junior Frontend developer

May 2020 - Feb 2021

Cyberate Technologies Pty Ltd

Adelaide, SA

- Played a key role in a team that integrated RESTful APIs using Node.js and managed application state with Redux, which significantly improved the responsiveness and performance of web applications.

- Employed Git extensively for source code management, consistently implementing best practices for version control which facilitated smooth development cycles and collaboration by regularly syncing code to GitHub and GitLab repositories.

EDUCATION

The University of Adelaide

Master of Computing and Innovation, School of Computer Science

Feb 2018 - Dec 2019

Adelaide, SA

Jinling Institute of Technology

Bachelor of Economics, School of Business

Sep 2013 - Jul 2017

Nanjing, China

SKILLS

Languages: JavaScript, TypeScript, Python

Frameworks/Libraries: React, MUI, Bootstrap, Tailwind CSS, Next.js, Django, Docker

Databases: PostgreSQL, MySQL, DynamoDB

Cloud Tools: AWS

CERTIFICATIONS

- GitLab Certified Associate
- AWS Certified Cloud Practitioner