

# Yelin Liu

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Website: [yelinliu.com](http://yelinliu.com)

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## PROFESSIONAL SUMMARY

**Summary:** I am a **Fullstack developer** and **UI/UX designer** with 2 year+ web development experience. I live in Sydney, but I can be reallocated to work in all Australia. I have **full working right** and I **don't** need employer's **sponsorship**. I have expertise in **React, Redux, MUI, Storybook**, and **Next.js**. I also have experience in **Node.js** and **.Net** for back-end development and **Microsoft Azure** and **AWS** for cloud computing. I am proficient in **Git** and **Github** for version control. I have rich remote working experience and am familiar with **Agile methodology**, such as **Scrum** and **Kanban**. Additionally, I can create multimedia design using **Figma, Photoshop**, Sketch, Illustrator, Premiere, Final Cut, **Axure**, etc. Besides, I understand design principles and project management. I can make public facing website UI and create user-centered UX flow.

**Personal Goal:** My personal goal is to become a versatile senior software developer with a knack for smooth experiences who can make a genuine social impact with my work in 5 years.

## Technical Stack:

- *Language:* 3 year+ experience of **Javascript**, 1 year experience of **Typescript**, can use **Python** and **C#**.
- *Front-end:* 2 year+ **React, Redux** experience. Familiar with **MUI, Storybook, ESLint, Huskey, Lint-staged, Prettier, React hook form, Beautiful DND**, etc. Can use **Next.js** to develop fullstack application.
- *Back-end:* 1 year experience with **Node.js**, Can use **.Net**.
- *Version control:* **Git, Github**.
- *Cloud:* **Microsoft Azure** and **AWS**.
- *Team collaboration:* can use **Asana, Slack, Microsoft Team, Discord**. Have rich remote working experience.
- *Testing:* Have experienced with **Jest** unit testing and **Storybook** auto testing.
- *UI/UX design:* Can create multimedia design, using tools such as **Figma, Photoshop, Sketch, Illustrator, Premiere, Final Cut, Axure**, etc. Understand design principles. Can make **public facing website UI** and create **user-centered UX flow**.

- *Project management*: Can run design sprint workshop. Have experience about **Scrum** and **Kanban**.

## WORK HISTORY & PROJECT EXPERIENCE

**FULLSTACK DEVELOPER** | 01/2023 to current

**FREELANCE - Sydney, NSW**

website: [yelinliu.com](https://yelinliu.com)

project: <https://agile-project-manager.now.sh/home>

- Developed portfolio to showcase coding ability, using **React**, **SCSS**, **vanilla JS**.
- Developed a more complex project management project using **Typescript**, **React**,
- **Redux Toolkit**, **SCSS** for front end, **Storybook** for component testing, and **Microsoft Azure** for backend.
- Conducted code management and collaborated with other developers using **git** and **github**.
- Designed the project using **Figma** and applied **Material Design principles** to create good design.
- Wrote **tech specs** for the project and drew **ERD** to conduct data modeling.
- Maintained code quality using **ESLint**, **Prettier**, **Lint stage**.
- Tested with **Jest** and **storybook**.

**UX DESIGNER & PROJECT MANAGER** | 08/2020 to 01/2023

**DATAREACHABLE - Sydney, NSW**

website: [www.datareachable.com](https://www.datareachable.com)

*Datareachable.com is a data asset management SaaS platform based on survey data collection.*

- Worked with the front-end development team to deliver enterprise-level code using the React Redux tech stack and managed the front-end assets using storybook.
- Participated in technical discussions such as data modeling, technical issue solving, etc.
- Collaborated with the UI/UX design team (3 UI designers and 3 UX designers) to create a design system from scratch and design user interfaces and user flows on Figma that delivers the product line for the datareachable SAAS platform.
- Collaborated with front-end and back-end teams using Miro, Asana, and Figma to host stakeholder meetings, stand-up meetings, and retrospective meetings to solve problems and collaborate with developers.
- Wrote business proposals to clarify business vision and product strategies.
- Wrote tech specs to clarify product features.

**SURVEY SCRIPTER** | 07/2020 to 08/2020

**EKAS - Sydney, NSW**

- Wrote Javascript scripts for survey platforms such as Comfirmat and Qualtrics to customize forms and surveys for data collection.
- Conducted survey programming and scripting.
- Used Asana, Slack, Github Team as the agile scrum tool and participated in agile development team collaboration.
- **React.js, React hook, React Storybook** to create reusable front-end components.
- **Redux, Redux Devtool, React router, Redux thunk, React-redux** to compose the components into a single page application.
- Use **Node.js** and **Koa.js** framework to make the application backend. Write **CRUD** function for the RESTful API.

**WEB DEVELOPER INTERN** | 04/2020 to 07/2020

**JR Academy - Sydney, NSW**

#### **Project Agilo**

- Used **Asana, Slack, Github Team** as the agile scrum tool and participate in agile development team collaboration.
- Used **React.js, React hook, React Storybook** to create reusable front-end components.
- Used **Redux, Redux Devtool, React router** to compose the components into **single page application**.
- Used **Node.js** and **Koa.js** framework to make the application backend. Write **CRUD** function for the **RESTful API**.
- Developed the project on **Linux Ubuntu 16.04** operating system.
- Used **AWS S3** to deploy the project.

#### **Project City Weather**

- Wrote **React component** to create reusable front-end components.
- Used Open Weather and Unsplash **RESTful API** to fetch data.
- Used **Material Design** icons to decorate the single page application.
- Used **AWS S3** to deploy the project.

**RESEARCH ASSISTANT** | 04/2019 to 04/2020

**University of Wollongong - Wollongong, NSW**

#### **Project MTKeras** (<https://www.youtube.com/watch?v=Egin0FffJjU>)

- Create and manipulate multimedia digital content by using image manipulating tools (**Adobe Photoshop, Illustrator, Indesign**) and video editing tools (**Adobe Premiere**) for academic presentations and websites.
- Use **HTML5, CSS3**, and **JavaScript ES6** to build interfaces for academic websites.
- Use **Selenium** to conduct security test on multiple websites, for research activities.
- Create a testing framework using **Python** for testing.

#### **Project METWIKI** (<http://www.metwiki.net/>)

- Assisted senior researchers in developing proposals and strategies for web-based interactive items, multimedia digital products, and APP appliances for academic usage.
- Monitored the operation of in-use contents to detect and diagnose the limitations and deficiencies.
- Tested, examined, and generated adjustments to correct errors and enhance the performance of computer programs.
- Conducted research activities including data collection and database management.
- Collaborated with other specialists in the network and IT-related industry to discuss and analyze any issues detected during design, development, and operation stages such as website security, website backup, and recovery.

**ARCHITECT** | 10/2011 to 4/2016

**ShenZhenZhongTai Design Institution - Nanchang, China**

- Designed multimedia presentation by using **Photoshop**, **Illustrator** and **Indesign**.
- Communicated with clients from different backgrounds

## EDUCATION

**University of Wollongong - Wollongong, NSW | Master of Philosophy in Computer Science**  
Graduated in 2022

- Received **Faculty Scholarship**
- Received **International Postgraduate Tuition Award**

**Monash University Caulfield Campus - Caulfield East, VIC | Master of Design**  
Graduated in 2018

- Complete coursework in **UX/UI design, web development**

**Nanchang University North Area - Nanchang | Bachelor of Architecture**  
Graduated in 2011

## AWARDS

**International Postgraduate Tuition Award**  
2019-2020 University of Wollongong

**Engineering and Information Science Faculty Scholarship**  
2019-2020 University of Wollongong

**1st Prize in JR Coding Bootcamp**  
2020 JR academy

## REFEREES

Lightman Wang – Founder & CEO at JR Academy  
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Frank Su - Co-founder & CDO at Datareachable  
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Andy.Jiang - Front-end Engineer at Datareachable  
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