

# Tianyu (Harry) Liu

Full Stack Engineer

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## SUMMARY

Proactive and innovative Full Stack Developer with experience specializing in both front-end and back-end web application development. Proficient in TypeScript, JavaScript (React, Next.js), Node.js, PostgreSQL, and MySQL. Highly Experienced with CI/CD and AWS Cloud Services. Demonstrated expertise in working within an agile development environment and delivering projects on time. Personal Website: [www.tianyuliu.me](http://www.tianyuliu.me)

## SKILLS

Frontend: TypeScript, Next.js, React, JavaScript, HTML5, CSS3, Sass

Backend: Python, Flask, Node.js, RESTful, AdonisJs, Shell

Database: MySQL, PostgreSQL

Tools: AWS, Postman, pgAdmin 4, Navicat, Git, Jira

## WORK EXPERIENCE

### Full Stack Engineer

(Internship, Hybrid)

Meyd.it

Sydney, Australia | Apr 2024 - Aug 2024

**Introduction:** Meyd.it is a platform in slow fashion, connecting conscious consumers with makers for sustainable, high-end experiences. Website: <https://meyd.it>

**Technology:** JavaScript, React, Next.js, TypeScript, Node.js, AdonisJs, RESTful, PostgreSQL, AWS, HTML5, CSS3

#### Responsibilities:

- Developed, enhanced, and maintained customer-facing web applications using Next.js for frontend and AdonisJs for backend APIs.
- Wrote clean, maintainable and efficient code. Implemented unit tests and CI/CD to ensure code quality and reliability.
- Executed schema updates and data migration in PostgreSQL to enhance functionality and logical consistency.
- Managed and maintained AWS Cloud Services, ensuring reliability, scalability, and optimal performance.
- Mentored new interns, providing technical support and sharing best practices for smooth team integration.

## PROJECT EXPERIENCE

### A Charity Organization Website

**Technology:** JavaScript, React, Java, SpringBoot, RESTful, MySQL, HTML5, CSS3

**Link:** <https://github.com/Harry-Liu97/Charity-Management-System>

#### Responsibilities:

- Designed the website's UI and enhanced UX functionality to ensure a user-friendly and visually appealing experience aligned with charity objectives.
- Conducted research and testing to enhance usability, performance, and overall user satisfaction.
- Implemented user-centric design principles to create an intuitive interface.
- Ensured database constraints are properly implemented and maintained for data integrity.
- Organized and facilitated Agile ceremonies such as daily stand-ups, sprint planning, sprint review, and sprint retrospective meetings.

## VOLUNTEER & CERTIFICATE

### Full Stack Engineer (Volunteer)

(Hybrid)

Meyd.it

Sydney, Australia | Aug 2024 - Present

#### Responsibilities:

- Led development and launch prep, coordinating frontend and backend work, optimizing code, and ensuring quality.
- Enhanced content and features, improving the user interface and driving continuous updates.
- Provided technical leadership, resolving issues and preparing for a success launch.

### AWS Certified Cloud Practitioner (Certification)

Oct 2024

## EDUCATION

### The University of New South Wales

Master of Information Technology

Sep 2021 - Sep 2023

Sydney, Australia

### Beijing Information Science And Technology University

Bachelor of Industrial Engineering

Sep 2016 - Jul 2020

Beijing, China

## REFERENCES

Professional references available upon request