

Jacky LAI

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[github](#) | [linkedin](#) | [personal website](#)

EDUCATION

Bachelor of Information Technology with Distinction | GPA: 3.4 / 4.0

Feb 2021 - Dec 2023

RMIT University - Melbourne City Campus

Notable Courses

- **User-Centred Design** - Designed a fitness mobile app prototype using Figma
- **Fullstack Programming** - Built a responsive React web app from scratch
- **System Deployment and Operations** - Deployed a simple web app through GitHub Actions using a CI/CD pipeline and Terraform
- **Software Engineering Project Management** - Led the frontend team in implementing a web app prototype using the SCRUM framework

Scholarships and Certifications

- **User-Scholarships** - Science, Engineering and Health Scholarship 2021
- **Awards** - Global Leader Experience 2021
- **Certification** - AWS Academy Graduate - AWS Academy Cloud Foundations
- **Volunteering Experience** - RMIT Peer Mentoring Program Volunteer 2022, 2023

SKILLS

Programming Languages	Python HTML CSS JavaScript Swift SQL PHP
Libraries/Tools	React.js Vue 3 SwiftUI Node.js Express.js Git Figma GitHub Actions Terraform AWS
Languages	Mandarin [Native] English [Bilingual] Thai [Intermediate] Spanish [Beginner]

PROFESSIONAL EXPERIENCE

PSS Group - DevOps Engineer

Oct 2024 - Current

PSS Group, an OTC-listed company, specialises in logistics services, including transportation, customs brokerage, and warehouse management, offering tailored solutions to support global trade.

Skills Demonstrated

- **UI/UX Design** - Designed the UI of a building access security system from scratch using Figma
- **Web Development** - Implemented the frontend web app with Vue 3 based on the Figma design
- **Time Management** - Learned Vue 3 while designing and implementing the web app
- The product is being promoted as a lucrative service to fin-tech enterprises for the company

Muse Scene Lab - Front-end Developer Placement

July 2023 - Nov 2023

Muse Scene Lab creates VR/XR/AR platforms for music learners and rehearsals.

The company's services are widely used by music institutions throughout Latin America.

Skills Demonstrated

- **UI Implementation** - Implemented the front end using React libraries according to Figma designs
- **Chart Representation** - Visualised and processed music-performance data using React-Vis
- **Leadership and Project Management** - Led the frontend team using the Kanban management methodology
- Implemented the first version of the web platform for the company
- Received positive feedback for accurate implementation and detailed documentation

Dcard - Production QA and Market Research Internship

Oct 2021 - Feb 2022

Dcard is an online forum with 18 million active users per month.

It offers services in dating, forums, e-commerce, and online gaming.

Skills Demonstrated

- **Localisation** - Localised the app into English
- **Integration Testing** - Tested newly-implemented features by capturing API requests and responses
- **Market Research** - Researched potential markets in Southeast Asia for company expansion
- Established a strong foundation for the English UI implemented in later versions
- Received positive feedback for being efficient and proactive from the HR department

NOTABLE PROJECTS

UniChat | [GitHub](#)

July 2023 - Oct 2023

iOS online forum application for Australian university students - iPhone Software Engineering Course

- **Swift/SwiftUI** - Individually designed, developed, and tested the application from scratch using Swift and SwiftUI
- **Scrum Methodology** - Applied dynamic SDLC to ensure future expansion
- Recognised as one of the best projects in the iOS Software Engineering course

Web Game Development | [GitHub](#) | [Website](#)

2021

Web Game-Boy-Style Game Prototype with Documentation Website - Building IT Systems Course

- **Project Management** - Organised stand-up meetings and led the team from design to implementation
- **Web Game Development** - Designed and implemented a responsive browser gameboy-style game
- **Creativity** - Developed gaming AI bots that attack the player using different attack logics