

Alex Liang

(+64) 28 423 8890

Email - aluux999@gmail.com

Portfolio - <https://alux444.github.io/>

GitHub - <https://github.com/alux444>

LinkedIn - <https://www.linkedin.com/in/alexliang1>

Auckland, New Zealand

EDUCATION

The University of Auckland

Bachelor of Engineering (Honours) - **Software Engineering**

Grade: A/A+

2022 – Present
Studies End Nov 2025

PROFESSIONAL EXPERIENCE

Spark NZ

Software Engineering Intern – Test Automation

Nov 2023 - Present

- Part of the **cross-functional squad** working on the **ERP Test Automation Project**.
- Collaborated with **QA Engineers** and **manual testers** to automate tests cases using **Playwright**.
- Designed and managed **test data** using **Microsoft SQL Server**.

PROJECTS

TrackTrekker – Song Suggester (*React, TypeScript, Spotify API*)

<https://alux444.github.io/tracktrekker/>

- **Developed** and **deployed** the application, built on **TypeScript React** with the **Spotify API**.
- Utilized **CI/CD** and **Agile practices** to collect **stakeholder feedback**, creating an **ongoing feedback loop**.
- Incorporated **Cypress** into my **CI/CD Pipeline** for **end-to-end** testing, ensuring **functionality**.
- **Collaborated** with a **UX Design** student to **overhaul** and **refine** the design of the application.

KiwiMart – Full-Stack E-Commerce Store (*React, Firebase, Tailwind*)

<https://alux444.github.io/online-store/>

- Successfully **planned** and **managed** the project in a **team of 3**.
- Integrated the communication of the **Firebase** backend to the **React** frontend.
- **Implemented** the functions allowing for **CRUD** operations via the **admin dashboard**.
- **Automated** the **deployment** of the project through **GitHub Actions**.

EXTRA CURRICULARS

Software Engineering Student Society (SESA)

Executive – Industry Event Co-ordinator

Oct 2023 - Present

- Student elected role for a club of over 350 active members, with an executive team of 16.
- Organised industry related events for the software engineering cohort.

Deloitte STEM Connect Virtual Experience Program

July 2023

Participated in a program to experience real business problems and develop practical skills in the industry, including:

- **Programming** - Implemented an algorithm using **Python**.
- **Development** - Prepared a **Software Development Proposal**.
- **Data Analysis** - Built a **dashboard** to explore a client's data.

Store Assistant at Pak'nSave

Jan 2022 – Nov 2023

- Assisted customers and maintained store standards.
- Managed and delegated tasks to teams of up to 5.

DEVS Hackathon

July 2023

- Created a social media app marketed towards fitness enthusiasts in a team of 3 in under 48 hours.
- Was responsible for the full planning, development, and deployment of the application.

Auckland University Strength Society (AUSS)

Mar 2022 - Present

- Attended events and competitions with other gym-goers.

TECHNICAL SKILLS

Languages - Java, TypeScript / JavaScript, Python, SQL, HTML, CSS

Tools - React, Firebase, NodeJS, Tailwind, Microsoft SQL Server

Automation - Playwright, Cypress, Selenium

Other - CI/CD, Agile, Azure DevOps, GitHub Actions, Git

INTERESTS

Lifting, calisthenics, bouldering, fine art, parkour.