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

EDUCATION

The University of Auckland	**2022 – Present**
Bachelor of Engineering (Honours) - **Software Engineering**	**Studies End Nov 2025**

Grade: **A/A+**
2023 Dean's Honour List

EXPERIENCE

Spark NZ

Software Engineer	**Feb 2023 – Present**

- Continued work in the **ERP Test Automation Squad**.

Software Engineering Intern – Test Automation	**Nov 2023 – Feb 2023**

- Delivered over **40 automated test scripts** to production.
- Designed and deployed an **Azure Power App** to display test results from an **Azure storage container.**
- 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 Lead	**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, Development, Data Analysis** and **Cybersecurity.**

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.

TECHNICAL SKILLS

Languages - Java, TypeScript / JavaScript, Python, SQL
Tools - React, Firebase, NodeJS, Tailwind, Microsoft SQL Server, Splunk
Automation - Playwright, Cypress, Selenium
Other - CI/CD, Git, Docker, Kubernetes, Agile
Cloud – Azure, Power Platforms, Dynamics365

INTERESTS

Lifting, calisthenics, bouldering, fine art, parkour.