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

SOFTENG281 **– Object Oriented Programming – (A+)**
SOFTENG282 – **Software Engineering Theory – (A+)**

PROJECTS

TrackTrekker – Song Suggester *(React, TypeScript, Spotify API)*
https://alux444.github.io/tracktrekker/
- **Designed, developed,** and **deployed** the application**,** built on **React** with **TypeScript,** using the **Spotify API.**
- Utilized **CI/CD** practices to collect **user feedback,** creating an **iterative** feedback loop to improve the app.
- **Incorporated Cypress** into my **CI/CD Pipeline** for **end-to-end** testing, ensuring **functionality** in each **deployment.**
- Currently **collaborating** with a **UX/UI Design** student to **overhaul** and **refine** the design of the application.

KiwiMart – Online Store Dashboard *(React, Firebase)*
https://alux444.github.io/online-store/
- **Oversaw, planned**, and **managed** the development of the project in a **team of 3.**
- Integrated the communication of the **Firebase** backend to the **React** frontend.
- **Automated** the **deployment** of the project through **GitHub Actions.**
- Assisted with the styling of the project using **Tailwind CSS.**

Firebase Chatapp – Live Chat Application *(React, Firebase)*
https://alux444.github.io/firebase-chatapp/
- **Developed, tested**, and **deployed** the project, which is built on **React** with **JavaScript.**
- Implemented **Firebase** for live messaging and its database features for storing message and user data.
- Integrated **User Authentication** through **Firebase Authentication.**

Fitness App Project – Exercise Recommender *(React, ExerciseDB API)*
https://alux444.github.io/project-fitness/
- **Managed** and **delegated** tasks for the project between a **team of 2.**
- **Implemented** the communication to the exercise and video search **API.**
- Assisted with the implementation of the **search filtering function.**

TECHNICAL SKILLS

Languages - Java, TypeScript, JavaScript, Python, SQL, HTML, CSS
Tools and Frameworks - React, Firebase, PostgreSQL, Three.js, Tailwind
Other - CI/CD Practice, Cypress, GitHub Actions, Git, TensorFlow

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EXPERIENCE & EXTRA CURRICULARS

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   **(January 2022 - Current)**
- 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)
- Attended events and competitions with other gym-goers.

INTERESTS

Lifting, calisthenics, bouldering, fine art, parkour.