

# ELI MURRAY

Auckland / Hamilton • 021 105 9615 • eli.murr04@gmail.com

[linkedin.com/in/eli-murray-5b7522315](https://linkedin.com/in/eli-murray-5b7522315) • [github.com/eli-murray](https://github.com/eli-murray) • [Elimurray.yelloelefant.com](https://elimurray.yelloelefant.com)

## PROFESSIONAL SUMMARY

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Driven Bachelor of Software Engineering student at the University of Waikato, passionate about full-stack development. Skilled in multiple programming languages, I excel in creating innovative solutions from front-end interfaces to back-end systems. Eager to contribute problem-solving, adaptability, and enthusiasm to a dynamic team, delivering quality solutions while growing as a developer.

## PROJECTS

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### BOE Visualizer | Academic Project

May 2025 - August 2025

Web-based system for automating grade distribution visualizations

JavaScript | HTML | CSS | PHP | SQL | Docker

- Developed an innovative web-based platform using **HTML**, **CSS**, **JavaScript**, **PHP**, and **SQL** to automate interactive grade visualizations, enhancing data-driven decision-making for University of Waikato's departments.
- Ensured scalable, consistent deployment with **Docker**, optimizing data management and departmental efficiency.

### Encost Smart Graph Project | Academic Project

Mar 2025 - Apr 2025

Console-based application for energy data visualization

Java | GraphStream | Linux

- Designed a scalable **Java** application with **GraphStream** to visualize energy consumption patterns, enabling data-driven insights in a **Linux** environment.

### Really Guess Who? | Academic Project

Feb 2024 - June 2024

Full-stack web application of the Guess Who board game

Javascript | HTML | CSS | Node.js | Docker

- Engineered a dynamic online Guess Who game with celebrity faces, leveraging **HTML**, **CSS**, **JavaScript**, and **Node.js** for responsive front-end and multiplayer back-end functionality using Boardgame.io and Wikidata SPARQL.
- Streamlined deployment with **Docker** and collaborated via GitHub, ensuring efficient version control..

## EXPERIENCE

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### Back of House Operations | JB Hi-Fi

Oct 2024 - Current

Back of house logistics and inventory management

- Optimized stock management and logistics, processing EDI reports, online orders, and customer inquiries with precision and efficiency.
- Collaborated with teams to ensure seamless operations, enhancing inventory control and customer satisfaction.

### Competitive Gymnastics Coach | Franklin Gymsports

2021 - 2023

Coaching competitive gymnastics classes

- Coached competitive gymnastics, designing training and competition routines to boost athlete performance and skill development.
- Fostered teamwork and discipline, providing constructive feedback to support a positive, high-performing team environment.

## TECHNICAL SKILLS

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**Front End** | Javascript, HTML, CSS, React, SPARQL

**Back End** | Java, Python, C#, SQL, PHP, node.js, REST APIs

**Testing/Deployment** | JUnit, Docker, Git, Github actions

**Developer Tools** | Git, GitHub, npm, Linux, Command Line, VS Code

## EDUCATION

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University of Waikato - Bachelor of Software Engineering

2023 - 2026