

I am a Masters of Information Technology student at the University of Auckland, graduating in February 2025. I am looking for opportunities as a software developer or data analyst.

Education and Certifications

- **Masters, Information Technology (8.1/9 GPA)**, University of Auckland, New Zealand **Feb 2025**
- **Data Science Bootcamp**, University of Auckland, New Zealand **Jan 2023**
- **Post Graduate Diploma**, Massey University, New Zealand **Nov 2021**
- **BSc Psychology**, University of Auckland **Nov 2019**
- **Microsoft Certified Power Bi Analyst (PL-300)** **Credential ID: F36627F701BFEC87**
- **Amazon Web Services (AWS) Cloud Quest: Cloud Practitioner**
- **Walmart / Forage Software developer Job Simulation**

Relevant Experience

Technical Lead	Project Magma (University of Auckland) Auckland, New Zealand	Aug 2024–Dec 2024
<ul style="list-style-type: none">• Developing a data pipeline using Python to aggregate data from multiple sources expected to increase productivity by 5% and improve resource utilization significantly.• Collaborated with Big Brothers Big Sisters (BBBS) to expand the reach of their Auckland mentoring program• Responsible for designing and implementing the project architecture as well as team coordination and task assignment• Engaged with BBBS representatives to identify areas of inefficiency and devised a solution to address them.		
Software developer	Web Development Consulting Club (University of Auckland) Projects Team Auckland, New Zealand	Mar 2024–Dec 2024
<ul style="list-style-type: none">• Developed an event tracker project for the Web Development Consulting Club using the React, TypeScript and Node.js stack allowing the WDCC to collect and utilize event data to increase attendance rates and optimize resource allocation• Spearheaded database design and front end-backend integration as well as led the event creation and validation features that allowed students to attend events and track them to increase student engagement.• Ticket supervisor for less experienced developers to assist them with their tasks• Held team workshops to teach less experienced members the basics of the MERN stack including frontend-backend communication, API endpoint creation, database connectivity, and React basics.		
Frontend Developer	SparkleHaze Singapore/Remote	Feb 2024–July 2024
<ul style="list-style-type: none">• Contributed to a project involving developing a messenger feature on their device.• Used the adapter design pattern to display information from the backend on the UI.• Technologies: Node.js, Express.js, SQL (backend); React Native(frontend); React (admin panel).		
I.T Tutor	Chumbaka Miri, Malaysia	Feb 2023- June 2023
<ul style="list-style-type: none">• Taught secondary and primary school students the basics of coding using Python and Scratch• Explained concepts such as IF statements, For Loops and Functions		
Senior Caregiver	Avondale Rest Home Auckland, New Zealand	Jan 2022-Oct 2022
Barista	Box Bar and Cafe Auckland, New Zealand	Jan 2017-Oct 2020

Technologies and Languages

- Languages: Java, C#, Python, JavaScript, TypeScript, CSS, HTML
- Technologies: React, MySQL, Postgres, AWS cloud, Git, React Native, Power-Bi, Expo, Tailwind, Material UI, ShadCN, MongoDB, AWS DynamoDB, .NET

Projects

Dr Turing

<http://dr-turing.duckdns.org>

- Developed an AI chatbot that allows patients to chat to an AI which recommends where to go if a person feels unwell and generates a SOAP report which can be shared with the healthcare provider via a code.
- Utilized the **AWS DynamoDB, Express.js, React, Node** stack, **AWS EC2** for hosting and **Github Actions** for automatic deployment and to follow CI/CD
- Used **AWS Bedrock** and **Pinecone** to train the AI model as well as **RAG** to ensure that the AI does not hallucinate
- Worked under the guidance of a supervisor from **Slalom**

Lecturmon

<https://lecturmo.org>

- Created a course review website that verifies reviews based on the number of lectures attended by the user.
- Utilized the **MongoDB, Express.js, React, Node** stack, **Docker**, and **Netlify** for hosting.
- Led the development of dynamically generated QR codes, attendance verification, frontend-backend integration, database design, and user authentication using Passport.js OAuth.

WDCC event tracker

<https://wdcc-passport-staging.fly.dev>

- Developed a full-stack event checker app for the Web Development Consulting Club using **React, Express, MongoDB** and **Node.js**. Also implementing **Agile Methodology**
- Spearheaded the database design and API endpoint creation for QR code scanning and attendance, as well as the event creation feature.

Video Game Bargaining App

<https://github.com/Aldenmaiyor1/SteamGameApp>

- Created a **React Native** app to search for Steam games on sale and read reviews.
- Used Expo for routing and app startup, Express.js for the backend API, and React Native for the frontend.

Full Stack Blogging Website

<https://full-stack-blog-f6yb.onrender.com>

Achievements and Extracurriculars

- **Accenture NZ Tech Challenge 2024** – Achieved 2nd place
- **University of Auckland Summer Lab** – Achieved 3rd place
- **EY Ideate and Innovate Challenge** – Achieved 2nd place
- **University of Auckland Class rep** – CompSci 718, Infosys 727
- **University of Auckland Uniguide 2024** – Uniguide for new students, Semester 1 2024
- **Distinguished Graduate University of Auckland 2024**