

Jason Xavier

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Career Objective

As a **Junior Software Engineer at SmartTrade Software Solutions**, I work across the stack and enjoy turning ideas into robust, user-focused software. My long term goal is to work in decentralized finance, and I am eager to deepen my knowledge and contribute to the space.

Education

Bachelor of Engineering (Honours) in Software Engineering

University of Auckland

2021 - 2024

- GPA: **7.4 (A/A- average)**
- Dean's Honours List 2022 - **Top 5%** of Engineering Students
- Dean's Honours List 2021 - **Top 5%** of Engineering Students

Experience

Events Coordinator – UoA Web3 club

September 2025 - Present

- Founding member of the University of Auckland web3 club, helping to organise events and grow the community

Junior Software Engineer – SmartTrade software solutions

July 2025 – Current

- Aided in migrating their mobile platform from **Xamarin.Forms** to **.NET MAUI**
- Designed and deployed an internal RAG system to enable natural language querying for over 2000 forms
- Reverse engineered undocumented APIs using Postman to automate internal workflows.

Software Engineer Intern – SMX Email Cyber Security Experts

November 2022 – February 2023

- Worked in a cross-functional team, with a data scientist and a computer science graduate, to make a data analytics platform.
- Ran weekly company-wide demos and incorporated key feedback from executives.
- Utilized **React**, **Typescript** and **NodeJS** on a production level.

Teaching Assistant – The University of Auckland Feb 2024 – November 2024

- Teaching assistant for COMPSYS 201, SOFTENG 281, SOFTENG 206 and ELECTENG 101
- Invigilated tests and exams, marked assignments, and provided feedback to students
- Ran weekly laboratories where I helped **debug assignments** and clarify technical concepts

Software Development Team – Microsoft Student Accelerator New Zealand

April 2023 - Current

- Worked in a team of three to manage the software side of the program, taken by **150** students
- Took ownership of building the curriculum for learning front-end development (**Typescript, React**)
- Led weekly office hours to aid students completing a full stack web development project, on a drop-in basis

Technical Skills

JavaScript

- Gained extensive experience in JavaScript throughout my internship and current role. Implemented production level code using the language, and related frameworks (**Typescript, React, NodeJS**), and am comfortable rapidly iterating on user-facing features.

C++

- Gained experience in C++ through embedded engineering electives and several university projects.

Other languages I have used: R, Java, Python, C#, Lua, VHDL, MATLAB, SQL, SCCharts, AHK

Project Experience

Student Course Review

<https://github.com/jxav22/student-course-review>

- A course review website for the University of Auckland
- Hosts reviews for **7,340** unique courses, meeting the needs of **43,148** students
- Optimized to be able to run for free indefinitely.
- Implemented with **React, Typescript, NextJS** and GitHub Pages

Portfolio

<https://github.com/jxav22/Portfolio>

- A portfolio that I created to introduce myself a bit better.
- Implemented with **React, Typescript** and **NextJS**.

Snake

<https://github.com/jxav22/Snake>

- A recreation of the classic game of snake
- My focus was on writing highly optimized, modular, and efficient code – utilizing my knowledge of **algorithm design** and **SOLID principles**

Interests

I have a love for drawing and enjoy making digital art. I also play **a lot** of board games; my current favourite is “7 wonders duel”.