

Resume – Dylan Choy

Email: dylan.choy21@gmail.com

Mobile: 022 439 2298

City: Auckland

GitHub: <https://github.com/ghxstling>

LinkedIn: <https://www.linkedin.com/in/dylan-choy/>

Website: <https://www.ghxstling.dev/>

Career Objective

I am pursuing a role in Software Development, with a particular focus on backend web development. I love all things programming, and I strive to understand how computer software function in achieving a user's specific goals and the overall logic involved.

From a young age, I was exposed to the world of technology and programming through playing video games, developing my first Snake game in 2018 using Python. Since then, I became very passionate about the field. I often find myself submerged in reading articles on new and evolving technologies, like new computer hardware or exciting tech products and how they work. I love working with people to tackle real-world problems and devise unique solutions that can ultimately improve other people's lives. I find the overall development process to be therapeutic and rewarding, knowing that I can create something tangible and useful from abstract ideas to share with the world.

Skills Summary

Problem Solving

- Identifying and fixing bugs: During the final stages of development process for my capstone project, I found a critical bug that heavily impacted the website's performance. This bug would make multiple unnecessary API calls to our backend whenever visiting a specific page, causing the website to slow down. I used several debugging tools like Chrome's built-in console and backtracked the issue to a Drawer component that was wrapped in a Table component on the page. I moved the component outside of the Table and it fixed the issue.

Adaptability

- Learnt new tools and technologies throughout development: I worked as the Backend Developer for my Capstone paper. Our client wanted us to implement unique features like persistent file storing, sending personalised emails to users and generating downloadable CSV files. On top of familiarising myself with TypeScript and Next.js, I quickly learnt and utilised require technologies like AWS and SendGrid, and implemented these features within several days, well before the deadline.

Teamwork

- Worked with a small team to successfully deliver social events: As an Events Coordinator at Eastern Students Association, I am responsible for facilitating and executing various student events, delegating responsibilities with my committee members and handling logistical needs. I attended weekly events meetings and made valuable contributions like procuring equipment and identifying activity risks.
- Assisting teammates with unexpected challenges: In preparation for an upcoming collaborative event at the university, my teammate was tasked with constructing a wood stand for our stall game. Due to unforeseen circumstances, they could not complete it before the deadline. I offered to help them with the task and managed to complete it.

Communication

- Team work experience: I attend a general meeting every week for Eastern Students Association to address upcoming events and showcase the details of said events, ensuring everyone understands their roles in the events. I collaborate with other events coordinators to create event runsheets and specifications, providing constructive feedback on activities and encouraging open dialogue with them.

Experience Summary

Events Coordinator – Eastern Students Association

2024

Shop Assistant - PB Technologies Ltd (St Lukes)

2022 - Present

Education

BSc / BCom (Computer Science / Information Systems) at The University of Auckland

2021 - 2025

Detailed Experience

Events Coordinator – Eastern Students Association

2024

Eastern Students Association is a non-profit university organisation that hosts social events at the University of Auckland. I was hired as an Events Coordinator to organise and execute various events. My role involves scheduling and facilitating themed events, creating fun and engaging activities, and handling logistics like equipment and catering.

Skills: Time Management, Attention to Detail, Creativity, Teamwork, Communication, Interpersonal

Achievements: Hosted multiple high-attendance successful events, increasing total member count and club engagement.

Shop Assistant – PB Technologies Ltd (St Luke's)

2022 - Present

PB Technologies is a retail company in New Zealand, with their Head Office at Manukau. I was hired at the St Luke's branch as a Shop Assistant to help customers find tech products based on their personal needs, pack online orders, and assist customers at checkout.

I work in various positions, primarily as a Service Technician and Cashier. As a Service Technician, I provide after-sales support for customers with their products, booking in warranty/repair jobs, and performing onsite diagnostics and repairs for their electronic devices. As a Cashier, I prepare daily cash reconciliation reports, identifying and fixing any accounting errors as they arise.

Skills: Attention to Detail, Customer Service, Problem Solving, Technical Support, Communication

Achievements: Consistently delivered excellent customer service, improving overall customer satisfaction

Technical Skills

Python

- Gained experience in web development by developing a Music Library website using the Flask framework for an assignment
- Learned how to use Python through self-learning and development by creating simple command line games over the years

TypeScript

- Gained a deeper understanding of web development by creating a Next.js website that helps university students easily apply for marker positions for various papers
- Now using TypeScript on personal projects

Other tools/languages that I am proficient in: HTML, CSS, JavaScript, React, Next.js, Tailwind CSS

Other tools/languages that I have used: Java, AWS, C#, Convex

My GitHub profile: <https://github.com/ghxstling>

My Portfolio: <https://ghxstling.dev/>

Project Experience

Markit-UOA at The University of Auckland

2023

I was the sole Backend Developer for Markit-UOA – a web application that streamlines the university marker application process for students and coordinators. I worked in a small team of 6 people to develop this project with a client for my COMPSCI capstone paper. I was responsible for implementing the website's API, from persistent file storing with AWS to sending personalised emails with SendGrid. I successfully delivered the project that met all our client's requirements and was nominated for the Excellence Award at the university's Capstone Showcase Event.

Key Tools / Skills:

- Next.JS – a full-stack React framework
- AWS – cloud storage and project deployment
- SendGrid – email marketing and API services
- Requirements Gathering
- Collaboration
- Critical Thinking

LearnQuest – Personal Project

2024

LearnQuest is an online LMS that allows teachers to manage their classrooms for students and track their academic progress in their courses. The web application is bootstrapped with React and Next.js and utilises a range of industry-standard technologies like Convex, Tailwind CSS, and Clerk. The project was initially made for a job application as a technical challenge, which quickly became a passion project. I developed the application in under 4 weeks and implemented various features like secure user authentication and authorisation via Clerk and real-time query updates for information using Convex.

Key Tools / Skills:

- Next.JS – a full-stack React framework
- Clerk – user authentication and authorisation
- Convex – all-in-one cloud backend and database
- Tailwind CSS – frontend design
- Cloud Hosting and Deployment
- Self Learning

Interests

I love to play video games in my own time. I have a growing passion for all things technology, specifically computer hardware and mobile phones. I also love taking photos and working out at the gym.

References

Ray Jiao – Branch Manager at PB Technologies (St Luke's)

Ray.jiao@pbtech.co.nz or 021 558 406

Ray is my current manager at PB Tech St Lukes for over 2 years.

Jacky Hu – Service Department Manager at PB Technologies (St Luke's)

Jacky.hu@pbtech.co.nz or 022 187 6998

Jacky and I work closely in the Service Department. He is currently my supervisor and can attest to my work as a colleague.