KATE GALELA

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Graduate Diploma Student at AUT (specialized in Software Development and Data Science)
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Professional Summary: I am currently completing a Graduate Diploma in Computer Science and Information Systems at AUT with a strong interest in software development and data. Passionate about building scalable applications and eager to learn and contribute to innovative development teams through internships or graduate roles.

Education

1. **Graduate Diploma in Computer & Information Science at AUT** (Feb 2024 - Nov 2025, expected)
   a. **Current GPA: 8.83**/9.0 (First Class Honours level)
   b. **Relevant Courses**: *Web Development, Data Structures and Algorithms, Data Science Foundations, Human-Computer Interaction (UX), Programming Design and Construction, Programming Languages, Data Mining and Machine Learning*.
2. **Bachelor of Pharmacy at University of Otago** Feb 2016 – Nov 2019

Projects

1. **Hotel Booking Reservation System**
   Java, Swing (GUI), Apache Derby (Database), SQL, Model-View-Controller architecture
   Built a fully functional hotel reservation system with an interactive GUI for customers and staff to manage bookings, check-ins, and availability. Integrated a relational database using Apache Derby to store bookings and customer information, with SQL queries to support core operations.
2. **Medication Image Lookup Tool**
   React, Node.js (Express – locally hosted API), RxImage dataset
   Built a tool enabling users to search for medications by name and view matching pill images to assist pharmacists in identifying oral medications and improving patient safety. Served RxImage data from a locally hosted Express API as the public API was deprecated.
3. **Personal Portfolio Website**
   Astro, Tailwind CSS, JavaScript
   Developed a personal portfolio website using Astro to show my projects and skills. Improved my frontend skills and understanding of performance-optimized static site generation.
4. **UX Design Project – WorkSafe NZ Project Management Tool**
   Figma, Design Thinking, Prototyping
   Collaborated in a team to design a high-fidelity prototype, user-centric project management interface for WorkSafe NZ. Built interactive prototypes using Figma that modeled intuitive workflows, aligned with user mental models, and reduced cross-team dependencies. Focused on improving efficiency and usability based on client needs and feedback.

Employment History

Pharmacist at Life Pharmacy St. Lukes, | Feb 2024 – August 2025
- **Accurately** dispensed and reviewed prescriptions with high attention to detail
- **Advised** customers on medication use and potential side effects
- Maintained strong **communication** and empathy in customer-facing role
- **Collaborated** with healthcare professionals and worked in a team to ensure safe patient outcomes

Certification

CS50x, Harvard University – February 2023 – May 2024
- Gained foundational understanding of C, Python, web development, and algorithms.