Alex Gavin

Cybersecurity Intern at BreachReady • AUT BCIS Student

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Cybersecurity intern studying Networks & Cybersecurity at AUT. I build read-only integrations, automate workflows with validation and duplicate checks, and practise network segmentation in Cisco lab environments. I also serve as an Officer Cadet in the New Zealand Cadet Forces.

Experience

Cybersecurity Intern
NOV 2026 – PRESENT

BreachReady

Work alongside the founder of an early-stage cybersecurity startup, exploring AI tools and workflows for content creation and digital production.

Ordinary and Special Vote Issuing Officer
OCT 2026 – NOV 2026

New Zealand Electoral Commission · Contract

Issued ordinary and special votes, following official electoral procedures and helping voters through the process.

Officer Cadet
JUN 2026 – PRESENT

New Zealand Cadet Forces

Working in the stores department to manage equipment and uniforms for 120+ personnel in the squadron. Improving how the squadron tracks equipment and uniforms. Previously served as Warrant Officer and Flight Commander, supporting parade-night operations and mentoring cadets.

Website Manager
MAR 2024 – JUL 2026

No. 3 (Auckland City) Squadron, ATC

Managed and maintained the 3 Squadron, ATC website, directly contributing to over 12,500 impressions. Redesigned numerous pages to enhance user experience and engagement.

Creator
DEC 2022 – JAN 2025

Opulent Development Studios

Led an independent game studio whose projects reached more than 330,000 players in total.

Waiter
JUN 2022 – FEB 2023

Shahi Dawat Indian Restaurant

Worked as part of a high-tempo team to provide great customer service. Gained experience in a customer-facing role, managing guest inquiries and ensuring an exceptional dining experience.

Education

Bachelor of Computer and Information Sciences
Expected 2027
Auckland University of Technology (AUT)
Major: Networks & Cybersecurity
Minors: Artificial Intelligence; Management & Leadership

Western Springs College
2020 – 2024
NCEA Level 3 • Endorsed with Merit

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Technical projects and skills

Selected Projects

NZ Finances: Self-hosted Personal Finance App

Built a self-hosted FastAPI and SQLite app with Akahu bank sync, pay-period budgets, spending categories and recurring bills. Added a separate read-only AI connector for summary reporting.

Inbox Triage & Calendar Automation

Built a Google Apps Script workflow that uses Gemini to summarise selected email and checks dates and duplicates before creating calendar events in Auckland time.

Cisco Campus Network Simulation

Configured VLANs, 802.1Q trunks and inter-VLAN routing in Packet Tracer. Applied DHCP snooping and port security in the simulated network.

Active Directory Network Lab

Set up a mock network for coursework with two domain controllers and two user accounts, then configured security restrictions.

Cadet Leave Management System

Built a web form and Google Apps Script workflow for No. 3 Squadron to collect and route leave requests, using Google Sheets for the records.

Technical Skills

Networking and systems

Cisco Packet Tracer, VLANs, trunks and inter-VLAN routing; Active Directory domain and user setup in coursework; Docker for self-hosted apps.

Workflow automation

Google Apps Script, Sheets and Calendar; validation, time-zone handling and duplicate checks; read-only API and MCP reporting.

Code reading and AI-assisted development

I can read and follow Python, JavaScript, SQL and HTML/CSS, and use AI tools to help build and troubleshoot scripts and web apps. I check the changes and test the result. Familiar with C, C#, R and Luau.

References Available upon request