

ANH VU

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SKILLS

- Bash, Python, Typescript, Javascript, HTML/CSS, C, C++, C#, SQL, Rust
- Linux, Windows, Scripting, AWS, Cloud Computing, Docker, React, Node.js, Express.js, Nginx, TCP/IP, REST API

WORK EXPERIENCE

General Fusion: *IT Support Analyst*

01/2026-Now

- Provide technical support for Windows and Linux systems, troubleshooting OS, application, and permissions issues
- Support user onboarding and offboarding, including account provisioning, access management, and environment setup
- Write Python and Bash scripts to streamline internal processes, eliminating human errors and cutting the time taken by at least half
- Document recurring technical issues and internal processes to improve knowledge sharing and efficiency

Genome Science Centre: *IT Technician Co-op*

05/2025 – 12/2025

- Administered Windows and Linux environments by provisioning physical desktops or virtual machines, troubleshooting desktop issues, installing software, and managing server-side operations such as file permissions and server restarts
- Developed internal automation tools, including a Python script that streamlined Active Directory account reactivation, cutting the time taken by half
- Conducted an internal phishing-awareness campaign as part of the ISO 27001 standard by simulating a realistic phishing email attack using the GoPhish framework, analyzing user click-through rates to verify security effectiveness and satisfy audit requirements

PROJECT EXPERIENCE

Quiz-My-Japanese Webapp

- Built a full-stack MERN learning platform that generates AI-powered quizzes from user-submitted text or web articles, providing an interactive and personalized study experience
- Designed a smooth user flow with dedicated quiz-taking interface, a dashboard for managing previously generated quizzes, and seamless navigation throughout the app
- Containerized the backend with Docker and deployed it to AWS for scalable and maintainable operation
- Enhanced system reliability with automated service management with systemd and logging with CloudWatch
- Improved performance and availability by horizontally scaling the backend automatically with Auto Scaling Groups and Application Load Balancer

Ubuntu Home Server

- Managed a home server to self-host Dockerized media servers, set up Samba network file storage, and host a portfolio website with Node.js behind a Nginx reverse proxy
- Configured VPN access using the Wireguard protocol, implemented router port forwarding, and automated daily email system health report using Cron, Bash script, and Postfix SMTP

EDUCATION AND CERTIFICATIONS

Simon Fraser University || Burnaby, BC
B.Sc. Computer Science

09/2021 – 09/2026

AWS Certified Cloud Practitioner || Amazon Web Services

12/2025