

Technical Skills

Python	Linux	AWS	Docker	Git
Bash	MacOS	Azure	Kubernetes	GitLab/GitHub
Windows	Networking	Audio/Visual	Microsoft Office	Cisco Meraki
Jenkins	Ansible Automation	Computer Hardware	MySQL	Mosyle MDM

Experience

Junior Network Analyst

Dec 2020 – Dec 2021

York House School

- Provided Help Desk-based L1 IT support to over 700 students and 100 staff members in a school environment, including troubleshooting devices, classroom/conference tech, network issues, and hardware/software issues
- Managed and provisioned over 200 Apple devices including MacBooks, iPads, and Apple TVs using Mosyle MDM
- Provided and assisted with A/V related tech, including full theatre assemblies, recordings, live streams, and virtual meetings
- Established a Cache Server on a Mac Mini to increase software update download speeds by 100%
- Acted and played as the school mascot, Teggy the Tiger

Featured Academic/Personal Projects

Ansible AWS Automation

Mar 2022

BCIT - ACIT 4640 IT System and Network Provisioning

- Automated AWS infrastructure to get a full Infrastructure as Code setup
- Features the setup of MySQL and a Python application on EC2 instances
- Utilized Ansible Playbooks and Roles to organize and execute task files

CI/CD Jenkins Pipeline

Mar 2022

BCIT - ACIT 4850 Enterprise System Integration

- Built a Jenkins Pipeline that automatically builds and deploys Docker images from GitLab repositories
- Deployed Jenkins and GitLab “on-premises” on Microsoft Azure Virtual Machines
- Stages: Build, Lint, Test & Coverage, Package, Zip Artifacts, Deliver

Docker / Kubernetes Video Streaming Application

Feb 2022

BCIT - ACIT 3495 Advanced Topics in IT

- Built a web video streaming application that streams stored videos from a file system container to web container
- Utilized Docker orchestration to separate application from infrastructure for quick setup/teardowns
- Also utilized Kubernetes and Google Kubernetes Engine to deploy the application as a separate project

“PENGU” Discord Music Bot

Feb 2022

Personal Project

- Developed a Discord bot by utilizing Python and Discord API to play music in voice channels
- Deployed on a Raspberry Pi to achieve 24/7 availability for other Discord servers
- Currently serving up to 6 Discord servers simultaneously

Education

Computer Information Technology Diploma

Sept 2019 - Apr 2022

British Columbia Institute of Technology, GPA 86%

Certificates

Cisco Certified Network Associate (CCNA)

Dec 2021