Jaguar Perlas

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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 IT support to over 700 students and 100 staff members via phone call and SolarWinds HelpDesk, troubleshooting, diagnosing, and contacting third-party vendors if needed to ensure problem resolution
- Managed over 200 Apple devices including MacBooks, iMacs, iPads, and Apple TVs using Mosyle MDM
- Provided and assisted with A/V related tech, including full theatre assemblies and recordings
- 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

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 for 24/7 availability for other Discord servers
- Currently serving up to 6 Discord servers simultaneously

Smart Roster Schedule   Dec 2020
BCIT - Industry Sponsored Student Projects || Group of 7

- Developed main algorithm using Python to automate nurse-patient assignments efficiently to solve main problem statement about saving time and reducing human error
- Wrote a research paper implementing a meta-heuristic approach by using SQL and Simulated Annealing
- Won 1st place at the BCIT ISSP 2020 Expo

Education

Computer Information Technology Diploma   Sept 2019 - Apr 2022
British Columbia Institute of Technology, GPA 86%

Certificates

Cisco Certified Network Associate (CCNA)   Dec 2021