



EDUCATION

Carleton University

B.C.S. Computer Science, Streaming in Cybersecurity

Current GPA: 3.8/4.0

Ottawa, ON
Sep 2021 - Dec 2024

AREAS OF STRENGTH

Languages: Java, Python, C/C++, Bash, HTML/CSS, Ansible, Terraform
Platforms/Tech: VMWare, Linux, MongoDB, Docker, Kubernetes, GitHub, AWS, ESXi
Soft Skills: Problem-solving, teamwork, communication, analytical thinking, initiative
Standards: TCP/IP, OSPF, VLAN, VPN, IP/SEC, IPv6, TACACS/RADIUS, ACL, DNS, HTTP

EXPERIENCE

Site Reliability Engineer

Contract Full-Time, Cisco

Ottawa, ON
May. 2023 - Present

- Consistently maintaining and enhancing Terraform code on AWS to meet evolving infrastructure requirements
- Led and executed successful bi-weekly production releases and hot fixes, ensuring smooth deployment and rapid issue resolution
- Automated various deployments and workflows using bash scripting and python to standardize and simplify processes
- Performed routine maintenance and administrative tasks on Kubernetes clusters
- Monitored and analyzed Datadog logs and alerts to maintain system health, ensuring high availability and performance of services
- Managed and maintained MongoDB clusters, overseeing tasks such as backup and recovery, performance tuning, and scaling to support application demands
- Handled the onboarding and offboarding processes for employees, ensuring seamless integration into the company's systems and timely deactivation of accounts and access upon departure

Systems Administrator (Cloud Defense)

Internship, Government of Canada

Ottawa, ON
Jan. 2023 - Apr. 2023

- Managed and maintained cloud-based systems, ensuring reliability and performance
- Automated infrastructure deployment on AWS and Azure using Terraform and Ansible
- Provided IT support by resolving requests received via a shared mailbox

Software Developer

Internship, Government of Canada

Ottawa, ON
Sep. 2022 - Dec. 2022

- Automated HR workflows using Robotic Process Automation
- Wrote in-depth process design document outlining automation scope, behaviour, process diagram, etc.
- Increased efficiency and accuracy within the HR department, allowing for a more streamlined and effective work process

Systems Administrator

Internship, Government of Canada

Ottawa, ON
Apr. 2022 - Aug. 2022

- Containerized applications to enhance portability and consistency using Docker
- Configured Docker Compose for efficient orchestration of multi-container Docker applications
- Designed and implemented a CI/CD pipeline leveraging GitLab to streamline the development and deployment process
- Configured the Kubernetes ingress stack to manage external access to services within the cluster
- Set up automatic DNS for Kubernetes Ingress using ExternalDNS, ensuring seamless routing and scalability

Network Security Automation Practice

Internship, Nokia Corporation

Ottawa, ON
Jan. 2022 - Apr. 2022

- Helped develop security practice service offering for Nokia Network Services Platform (NSP) using bash, yaml, and ansible
- Creating high-quality deliverables and documentation
- Using RHEL lab for testing and demoing hardening script
- Tracking & maintaining progress/updates using Microsoft Office (MS Teams, Excel, Outlook, Powerpoint)

CERTIFICATIONS

CCNA 200-301 (Cisco Certified Network Associate)