Vidun Jayakody
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CISCO CERTIFIED CCNA

Education

Carleton University   Ottawa, ON
B.C.S. Computer Science, Streaming in Cybersecurity   Sep 2021 - Dec 2024
GPA: 3.8/4.0

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 (SRE)   Ottawa, ON
Permanent Full-Time, Cisco (Cisco XDR Team)   May. 2023 - Present

- Maintained and enhanced Infrastructure-as-Code (IaC) Terraform modules for scalable, secure AWS environments
- Led bi-weekly Agile release cycles, coordinating with developers and QA to deploy production releases and hotfixes
- Automated deployment pipelines using Python and Bash, improving CI/CD speed and reliability
- Operated and supported Kubernetes clusters, managing Helm charts and container lifecycle
- Investigated and triaged Datadog alerts, improving system reliability and reducing incident response times
- Managed high-availability MongoDB clusters, performing scaling, backup, and performance tuning
- Coordinated access provisioning/de-provisioning, integrating with internal ITSM tools like JIRA and Confluence
- Documented SRE processes, runbooks, and postmortems to ensure team autonomy and reduce bus factor

Systems Administrator (Cloud Defense)   Ottawa, ON
Internship, Government of Canada   Jan. 2023 - Apr. 2023

- Used Terraform and Ansible to automate cloud infrastructure across AWS and Azure (IaC approach)
- Performed system monitoring, configuration management, and SLA compliance checks
- Managed internal tickets and change requests through JIRA and Outlook shared mailboxes

Software Developer (RPA)   Ottawa, ON
Internship, Government of Canada   Sep. 2022 - Dec. 2022

- Developed robotic process automation (RPA) bots to streamline HR workflows and reduce manual errors
- Authored process design documents (PDDs) outlining use cases, architecture, and exception handling
- Enhanced operational efficiency and reliability in compliance with government process automation standards

Systems Administrator   Ottawa, ON
Internship, Government of Canada   Apr. 2022 - Aug. 2022

- Deployed containerized applications using Docker and orchestrated services via Docker Compose and Kubernetes
- Built CI/CD pipelines using GitLab CI, integrating static code analysis and automated deployments
- Set up Ingress controllers and automated DNS management with ExternalDNS for Kubernetes clusters

Network Security Automation Intern   Ottawa, ON
Internship, Nokia Corporation   Jan. 2022 - Apr. 2022

- Developed automated hardening scripts and Ansible playbooks for Nokia's Network Services Platform (NSP)
- Conducted testing on RHEL environments, contributing to secure deployment blueprints
- Participated in Agile ceremonies and tracked sprint progress through Microsoft Teams and Excel

Certifications

CCNA 200-301 (Cisco Certified Network Associate)