Shaheer Khan

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SKILLS

Languages : Python, YAML, Javascript, C++, HTML, CSS

OS / Cloud : Linux, Windows, Azure, AWS (EC2, S3, Lambda)

DevOps Tools : Ansible, Terraform, Hashicorp Vault, Kubernetes, Docker, GitLab, Grafana, Splunk, Jira, Openshift

EXPERIENCE

CIBC - Canadian Imperial Bank of Commerce   May 2024 – Present
DevOps Engineer   Toronto, ON

- Utilized GitHub Actions to set a CI/CD pipeline automating version control and automating code promotion through the different environments reducing minimum 24 hours of operational time and cutting costs by 200%
- Developed robust Ansible playbooks for system configuration, application deployments, and automated OS patching, enhancing security and compliance.
- Created modular Terraform templates for reproducible and version-controlled infrastructure, supporting both on-prem and hybrid Azure environments.
- Deployed and maintained Ansible Automation Platform 2.5 on OpenShift and Kubernetes clusters hosted in Azure, serving as the platform engineer responsible for life-cycle management, upgrades, and configuration of the control plane and execution environments.
- Provided user support and onboarding for internal teams, enabling adoption of AAP through best practice guidance, credential management, RBAC configuration, and troubleshooting Ansible jobs and automation workflows
- Developed the integration of Ansible with Azure services (e.g., Azure AD, Key Vault, Azure DevOps) and ServiceNow (e.g., Create Incident Tickets, Create and Close Tickets, Trigger Ansible Automation, CMDB, etc).

CIBC - Canadian Imperial Bank of Commerce   May 2023 – May 2024
Automation Engineer - Co-op   Toronto, ON

- Built fully automated VM provisioning pipelines for internal hypervisors (vSphere), reducing manual build time by 3 hours and ensuring consistent base images
- Engineered an all-new system to modularize and schedule workflows in Ansible, streamlining complex workflows with automated retries, scheduled routing, and incident resolution mid execution. This increased **project delivery time by 400%** , increased incident **resolution time by 50%**, and is projected to **save more than $600,000** in operations cost overtime.
- Developed microservices via creation of custom modules in Ansible using Python scripts to connect Ansible to SQL databases and enabled SQL queries to MYSQL servers via Ansible.
- Implemented visual Grafana dashboards for custom monitoring, optimizing server performance based on Loki and Prometheus logs.

PERSONAL PROJECTS

HomeLab - Self-Hosted Linux Server   October 2024 – Present

- Designed and maintain a self-hosted Linux server (Ubuntu) running in a home lab environment for continuous experimentation and learning.
- Deployed and manage services using Docker and Podman, hosting applications like Pi-hole, Plex, Gitea, Home Assistant, Vaultwarden, and uptime monitoring tools
- Deployed a local Kubernetes cluster (k3s) for container orchestration, testing CI/CD pipelines plus many more things.

EDUCATION

Wilfrid Laurier University   September 2019 – May 2024
Computer Science, Bachelor of Science   Waterloo, ON