

Senior DevOps Engineer | AWS & Azure Specialist | Site Reliability Specialist

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Citizenship: Canadian Citizen with **Secret Security Clearance**

Professional Summary

- **DevOps Engineer with 9+ years of experience** in designing, automating, and managing **cloud-native and hybrid infrastructures** across **AWS and Azure**. Expert in **DevOps tools, CI/CD pipelines, Kubernetes orchestration, Infrastructure as Code (IaC), monitoring, and automation scripting**. Adept at delivering **secure, scalable, and highly available solutions** in **Agile and enterprise environments**.
- **AWS (EC2, S3, RDS, Lambda, EKS, ECS, CloudFormation, CloudWatch, Secrets Manager)** and **Azure (VMs, AKS, ADF, Functions, Monitor, Key Vault, ARM templates)** expertise.
- **Containerization & Orchestration** with Docker, Kubernetes (EKS, AKS), Helm, GitOps (ArgoCD).
- **CI/CD automation** using Jenkins, GitHub Actions, GitLab CI/CD, Azure DevOps pipelines.
- **Infrastructure as Code (IaC)** with Terraform, AWS CloudFormation, ARM Templates.
- **Configuration Management** with Ansible, Chef, and Puppet for consistent infra state.
- **Monitoring & Logging** with Prometheus, Grafana, ELK Stack, Splunk, CloudWatch, Azure Monitor.
- **DevSecOps practices** integrated with pipelines using SonarQube, Checkmarx, Prisma Cloud.
- **Scripting & Automation** with Python, Bash, and PowerShell.
- **Secrets & Identity management** using AWS IAM, Azure AD, Vault, and Key Vault.
- **High Availability & DR** strategies with multi-region & hybrid-cloud deployments.
- **Version Control & Collaboration** with Git, GitHub, Bitbucket.
- **Security Compliance** (HIPAA, PCI-DSS, SOC2, SOX).
- **Agile/Scrum methodology** for collaborative DevOps delivery.
- **Cost optimization & scaling strategies** across AWS & Azure workloads.
- **Mentorship** and leadership in DevOps transformation projects.

Application Toolkit

Cloud: AWS (EC2, EKS, ECS, S3, RDS, Lambda, CloudFormation, CloudWatch), Azure (AKS, ADF, Functions, ARM Templates, Key Vault, Monitor)

CI/CD: Jenkins, GitHub Actions, GitLab CI/CD, Azure DevOps Pipelines

IaC: Terraform, AWS CloudFormation, Azure ARM Templates

Containers: Docker, Kubernetes (EKS, AKS), Helm, ArgoCD

Monitoring & Logging: Prometheus, Grafana, ELK Stack, Splunk, AWS CloudWatch, Azure Monitor

Config Management: Ansible, Puppet, Chef

Security & Compliance: SonarQube, Checkmarx, Prisma Cloud, Vault, Key Vault, IAM, RBAC

Scripting: Python, Bash, PowerShell, YAML, Groovy

Collaboration Tools: GitHub, Bitbucket, JIRA, Confluence

Databases: MySQL, PostgreSQL, DynamoDB, Cosmos DB, MS SQL

Core Competencies

Cloud Infrastructure Design (AWS & Azure)
CI/CD Automation & DevOps Pipelines

Containerization & Kubernetes
Management
Site Reliability Engineer

Infrastructure as Code (Terraform,
CloudFormation, ARM)
Monitoring, Logging & Alerting
DevSecOps & Compliance Integration

High Availability, DR, and Multi-Cloud
Deployments
Agile & Collaborative DevOps Delivery

PROFESSIONAL SKILLS DEMONSTRATED

TORONTO DOMINION BANK

Nov 2019 – April 2025

Project 1: Cloud-Native Banking Platform Modernization

Role: DevOps Engineer | **Duration:** Jan 2023 – April 2025

Tech Stack: AWS (EKS, Lambda, CloudFormation, CloudWatch, Secrets Manager), Azure (AKS, ARM, Key Vault, Monitor), Terraform, Jenkins, GitHub Actions, Ansible, Prometheus, Grafana, SonarQube, Vault, Docker, Helm

- ◆ Migrated legacy banking apps to **AWS EKS** and **Azure AKS** using **Docker & Helm charts**.
- ◆ Designed **multi-cloud CI/CD pipelines** with **Jenkins & GitHub Actions**, automating deployments with **Terraform and ARM templates**.
- ◆ Integrated **Ansible playbooks** for configuration consistency across AWS & Azure.
- ◆ Established monitoring via **Prometheus & Grafana dashboards**, alongside **CloudWatch & Azure Monitor**.
- ◆ Integrated **SonarQube & Checkmarx** scans in pipelines for **DevSecOps compliance**.
- ◆ Enhanced **security posture** with IAM, Key Vault, and HashiCorp Vault for secrets management.
- ◆ Built **GitOps workflows** with ArgoCD for Kubernetes deployments.
- ◆ Reduced release cycles by **40%** and optimized costs by **25% annually**.

Project 2: Insurance App Cloud Transformation

Role: DevOps Engineer | **Duration:** Nov 2019 – Dec 2022

Tech Stack: AWS (ECS, S3, CloudFormation, CloudWatch), Docker, Kubernetes (EKS), Terraform, GitLab CI/CD, ELK Stack, Prometheus, Grafana, Ansible, Python, Jenkins, Nexus, SonarQube

- ◆ Implemented **microservices deployment** using **Docker & Kubernetes (EKS)**.
 - ◆ Automated infra provisioning with **Terraform and CloudFormation**.
 - ◆ Built **end-to-end CI/CD pipelines** in **GitLab CI/CD** with integrated **SonarQube & Nexus**.
 - ◆ Established **centralized logging** using **ELK Stack** and monitoring with **Prometheus & Grafana**.
 - ◆ Automated patching & config management with **Ansible playbooks**.
 - ◆ Designed **blue-green & canary deployment strategies** reducing downtime.
 - ◆ Configured **CloudWatch alerts & Grafana dashboards** for proactive monitoring.
 - ◆ Ensured compliance with **PCI-DSS standards** during peak holiday seasons.
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UAEEXCHANGE LLC

June 2013 – June 2019

Project 1: Remittance/Forex Data Analytics Platform

Role: DevOps Engineer | **Duration:** Jan 2017 – Jun 2019

Tech Stack: Azure (ADF, Databricks, AKS, ARM, Key Vault, Monitor), Terraform, Ansible, Jenkins, Azure DevOps, SonarQube, Docker, ELK, Prometheus

- ◆ Built **Azure data pipelines** with **ADF & Databricks** for real-time analytics.
- ◆ Automated **infra provisioning** using **Terraform & ARM templates**.
- ◆ Deployed **containerized workloads** on **AKS** with **Docker & Helm**.
- ◆ Implemented **Jenkins & Azure DevOps pipelines** for CI/CD.
- ◆ Integrated **SonarQube scans & DevSecOps controls** pipelines.
- ◆ Configured monitoring with **Azure Monitor, Prometheus, and Grafana**.
- ◆ Established **centralized logging** with **ELK Stack** for HIPAA compliance.
- ◆ Reduced query times by **30%** and improved audit-readiness significantly.

Project 2: Banking Partner Management Cloud Platform

Role: DevOps Engineer | **Duration:** April 2015 – Dec 2016

Tech Stack: AWS (Lambda, API Gateway, DynamoDB, CloudFormation, CloudWatch), Docker, Jenkins, Ansible, Prometheus, Grafana, ELK, Terraform

- ◆ Built **serverless APIs** with **AWS Lambda & API Gateway** for streaming workloads.
- ◆ Automated deployments using **CloudFormation & Terraform**.
- ◆ Containerized services with **Docker** and managed configurations with **Ansible**.
- ◆ Implemented CI/CD pipelines with **Jenkins**, integrating **SonarQube** for code quality.
- ◆ Configured **CloudWatch, Prometheus & Grafana** for monitoring & alerts.
- ◆ Established **logging pipelines** using **ELK Stack** for real-time insights.
- ◆ Designed **HA architecture** with DynamoDB global tables for scale.
- ◆ Achieved **zero downtime deployments** with rolling updates.

Project 3: Financial Services Cloud Migration

Role: DevOps Engineer | **Duration:** Jun 2013 – March 2015

Tech Stack: AWS (EC2, S3, RDS, IAM, CloudFormation, CloudWatch), Azure (VMs, Key Vault, Monitor), VMware, Terraform, Ansible, Puppet, Nagios, Jenkins, Git, Python

- Migrated workloads to a **hybrid AWS + Azure environment**.
- Automated **VM provisioning** with **Terraform, Ansible, and Puppet**.
- Designed **HA/DR strategy** across multiple cloud regions.
- Integrated **Nagios, CloudWatch & Azure Monitor** for proactive monitoring.
- Developed **Jenkins pipelines** with integrated **Python scripts** for automation.
- Enforced security with **IAM roles, Key Vault, RBAC & compliance policies**.
- Optimized cloud costs via **spot instances & reserved capacity planning**.
- Ensured compliance with **SOX & PCI-DSS regulatory standards**.

EDUCATION & CERTIFICATIONS

Post Graduate Diploma in Advanced Computing	8.3/10
Bachelor of Engineering in Computer Science	9/10
Database 12c Administrator Certified Associate Oracle Inc.	