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

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**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.

**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.