AYO ADEMILUA

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TECHNICAL SKILLS

- Cloud Platforms: AWS, Azure & GCP
- CI/CD Automation: GitHub Actions, Bitbucket Pipelines, GitLab CI/CD Pipelines, Azure DevOps, & Jenkins
- Containerization & Orchestration: Docker, Kubernetes (EKS, Helm, Ingress)
- IaC & Automation: Terraform, Ansible, Bash, Python, Go
- Monitoring & Logging: Prometheus, Grafana, New Relic, Dynatrace, FluentD, PagerDuty
- Security & Compliance: HashiCorp Vault, Checkov, Keeper Security, Drata, MFA

WORK HISTORY

Snr. SRE/Platform Engineer   Feb 2022 – Present

OpenText Waterloo, ON

- Designed and implemented a highly available Amazon EKS Kubernetes cluster with Istio service mesh across multiple AWS Availability Zones, achieving 99.99% uptime and enabling elastic pod and node auto-scaling for optimal performance and cost efficiency
- Implementing end-to-end observability and incident response with New Relic and PagerDuty, reducing production incident detection time by 40% and improving on-call responsiveness
- Kubernetes cluster deployment (everything-as-code) using Terraform (IaC) and GitLab CI/CD pipelines
- Developing and maintaining multi-cloud infrastructure across AWS and Azure using Terraform and GitLab CI/CD pipelines
- Building intelligent New Relic dashboards to enable fast, data-driven troubleshooting and proactive system monitoring
- Collaborating with multiple engineering teams to debug and resolve production issues across multi-layered services, ensuring high availability and reliability
- Assisting with all aspects of the hiring and onboarding process
- Mentoring and training engineers on Kubernetes, cloud infrastructure, and DevOps best practices, improving team capability and knowledge sharing

DevOps Engineer   January 2020 – Feb 2022

Martinrea International, Remote

- Deployed cloud-native, event-driven architectures using a wide array of AWS services, including API Gateway, DynamoDB, Aurora Serverless, EC2, ECS, EKS, Fargate, IAM, CloudWatch, SQS, SNS, S3, and more.

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- Experience with source control management system (GIT), including branching strategies.
- Leveraged Infrastructure-as-Code and automation tools such as Terraform and GitHub Actions to improve deployment efficiency and reduce manual errors, resulting in a significant reduction in lead time.
- Managed EC2 infrastructure, including provisioning, automation, and security hardening.
- Managed secrets using enterprise solutions such as Hashicorp Vault, AWS Secrets Manager, and Azure Key Vault.
- Integrated Prometheus and Grafana to enhance cluster observability and alerting.
- Managed Ansible playbooks for configuration, patching, and user administration.

EDUCATION

M.Eng. Mechanical Engineering   December 2019

University of Windsor, Ontario, Canada

PROFESSIONAL TRAINING

Microsoft Certified: Azure Fundamentals (AZ-900)

Microsoft Certified: Azure Administrator Associate (Az-104)

HashiCorp Certified: Terraform Associate