**OLUWAKEMI ADEDOKUN**

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**AWS DEVOPS ENGINEER**

**PROFILE OBJECTIVE**:

Accomplished Cloud and DevOps Engineer with a robust background in designing, implementing, and optimizing cloud-native infrastructures across AWS and Azure platforms. Possessing certifications in Kubernetes, Azure, and AWS, I have consistently driven efficiency improvements, achieving up to a 60% reduction in manual provisioning time and a 50% decrease in infrastructure costs. My expertise spans CI/CD pipelines, Kubernetes orchestration, GitOps practices, and infrastructure as code (IaC), with a proven track record of enhancing system reliability, security, and scalability. Adept at leveraging modern tools like Terraform, Docker, and Prometheus, I deliver scalable solutions that align with business objectives while ensuring high availability and security across all environments.

**CERTIFICATES**

* **CKA**: Certified Kubernetes Administrator - The Linux Foundation
* **Microsoft Certified**: Azure Administrator Associate - Microsoft Azure
* **AWS Certified Solutions Architect**- Associate - Amazon Web Services
* **AWS Certified Developer**- Associate - Amazon Web Services

**SKILLS**

* **Cloud Platform:** Amazon Web Services (AWS), Microsoft Azure, Google Cloud Platform (GCP)
* **Containers & Orchestration:** Kubernetes, Docker, ArgoCD, Elastic Kubernetes Service (EKS), OpenShift, Helm
* **Infrastructure as Code:** Terraform, Ansible, CloudFormation, Packer, Terragrunt
* **CI/CD:** Jenkins, GitLab CI, CircleCI, AWS CodePipeline, Azure DevOps, GitHub Actions, GitOps, Spinnaker
* **Monitoring & Analytics:** Datadog, Grafana, Prometheus, ELK Stack (Elasticsearch, Logstash, Kibana), Splunk, New Relic
* **Data Processing:** Elasticsearch, Kafka, Logstash, Apache Spark
* **Programming:** Python, Go, Bash, Java, Ruby
* **Security & Compliance:** AWS Identity and Access Management (IAM), Azure Active Directory, HashiCorp Vault, Aqua Security
* **Networking:** VPC, Subnetting, DNS, Load Balancers, VPN, NAT Gateways
* **Version Control:** Git, GitHub, GitLab, Bitbucket
* **Automation & Scripting:** Shell Scripting, PowerShell, Python, YAML, JSON

**WORK EXPERIENCE**

**Prime Tech | Jan 2022- Present**

*Cloud Engineer*

* Spearhead the development and deployment of a CI/CD pipeline using AWS Codepipeline, AWS CodeBuild and AWS CodeDeploy, leading to a 30%reduction in deployment times
* Architected and maintained highly available and scalable infrastructure on AWS using Services such as EC2, S3, RDS and VPC ensuring 99.99% uptime.
* Led the orchestration of a scalable Cloud Native Application infrastructure, implementing DevSecops practices integrated Kubernetes seamlessly across the lifecycle ensuring heightened security measure and reducing vulnerabilities by 25%
* Designed and built advanced cloud-native infrastructure by leveraging on tools like Kubernetes, helm, Terraform, GitOps, OPA, linkerd and more
* Implement monitoring, logging and alerting system for internal infrastructure, incorporating advanced technologies like Prometheus, ELK stack and Cloud Watch.
* Used Istio as a service mesh for the microservices application on Kubernetes to provide platform level automation and ensuring communication between microservices
* Designed and Configured Authentication and Authorization mechanism using RBAC, certificates, node authorization, network policy and secrets.
* Developed and implemented infrastructure as code (IaC) using Terraform, resulting in consistent and reproducible environments across development, Staging and production

**Intellec Resources Inc | April 2020- Dec 2021**

*Devops Engineer*

* Orchestrated and managed Kubernetes clusters on Amazon EKS, handling multiple microservices across multiple environments.
* I implemented cluster auto-scaling and node auto-recovery mechanisms, resulting in a 50% reduction in infrastructure costs while maintaining optimal performance during peak loads.
* I introduced GitOps practices with ArgoCD, reducing deployment failures by 30% and improving deployment reliability and consistencies.
* Implemented monitoring and logging solutions with Datadog, configured custom dashboards and alerts to monitor key performance metrics such as CPU Utilization, memory usage and request latency, resulting in a 30% decrease in the mean time to detect MTTD critical issues.
* Configured AWS Cloud Watch to collect logs and metrics from controllers, nodes and containers using open telemetry as a standard for instrumentation.
* Led the implementation of terraform for infrastructure as code, resulting in a 60% reduction in manual provisioning time and ensuring consistent environment configurations across Azure and AWS.
* Automated CI/CD pipelines using Azure Devops, reducing deployment time by 40% increasing the frequency of deployment from monthly to bi-weekly.
* Automated the provisioning and configuration of resources using AWS CloudFormation, significantly reducing manual intervention and set up time.

**Medlinks | Jan 2019 - Mar 2020**  
*Azure Cloud / DevOps Engineer*

* Managed the design, implementation, and optimization of Azure cloud environments to support scalable applications.
* Developed CI/CD pipelines utilizing Azure DevOps, improving deployment efficiency by 35%.
* Automated infrastructure provisioning with ARM templates and Terraform, streamlining resource management and reducing setup times by 40%.
* Implemented container orchestration using Azure Kubernetes Service (AKS), enhancing application deployment consistency and reducing downtime during updates.
* Collaborated with development teams to establish best practices for cloud-native application design, resulting in improved system performance and reliability.
* Conducted regular performance tuning and cost optimization reviews, achieving a 25% reduction in operational costs.

**Leidos | *Feb 2016 – Dec 2018****Azure Cloud / DevOps Engineer*

* Managed the deployment and administration of Azure resources, leveraging CI/CD pipelines to support a high-velocity application development environment.
* Implemented DevOps transformation by collaborating with Agile teams to migrate applications to the Azure platform, improving development and deployment processes.
* Automated network configuration changes, including NSG rule updates and load balancing rule modifications, using Terraform and Azure DevOps for efficiency.
* Designed and implemented Azure Networking solutions such as Virtual Networks, VPN gateways, Load Balancers, and Application Gateways to support secure and reliable connectivity.
* Automated infrastructure provisioning on Azure with Terraform, streamlining resource management and scaling operations.
* Managed Microsoft SaaS products and services, including Office 365, SharePoint, OneDrive, EMS, AD, Exchange, and Skype for Business, both in Azure and on-premises.
* Led the migration of on-premises resources to Azure Cloud using Azure Site Recovery and Azure Migrate, ensuring a smooth transition and minimal downtime.
* Worked with Docker and Kubernetes for container-based deployments, enhancing application scalability and development workflows.
* Introduced Test-Driven Development (TDD), leading to a 30% reduction in defect rates within the first three months.

**EDUCATION**:

Bachelor of Science, Nursing

Azure College School of Nursing – Fort Lauderdale, FL

**REFEREES**: Available on Request