

## Adeyemi Ogunleye

### Senior Devops Engineer

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## SUMMARY

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- Results driven Senior DevOps Engineer with 8 years of experience.
- Proven expertise in architecting, developing and deploying scalable applications that drive business growth
- Working knowledge of various frameworks such as Django and Spring
- Experienced in authoring pom.xml files, Dockerfiles, performing releases and managing maven repositories

## TECHNICAL SKILLS

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**Cloud Technologies :** Amazon EC2, VPC, S3 Route53, Cloud Formation, EKS, SNS, SQS, Code Build

**Devops Tools:** Git, Github, Jenkins pipelines, Ansible, Terraform, Maven, Nexus, RabbitMQ

**Containerization:** Docker, Kubernetes. **Databases:** Mysql, Postgres, DynamoDB, Aurora

**Operating Systems:** Linux (Ubuntu,CentOS) **Scripting languages:** Bash shell scripting, Python

**Monitoring:** Cloudwatch, prometheus, grafana **APP & Web Servers:** Tomcat, Apache, Nginx

**Software development lifecycle (SDLC):** Agile, Scrum, Waterfall

## CERTIFICATIONS

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- AWS Certified Solutions Architect
- AWS Certified DevOps Professional
- Certified Kubernetes Administrator

## PROJECTS

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- **Python Microservice Audio converter Application:** Deployed a Python **microservice** application to convert video files to audio files and deployed in AWS cloud using Kubernetes, Helm, RabbitMQ, PostgreSQL, MongoDB using 4 different microservice and 3 API gateway endpoint
- **Netflix clone Application:** Deployed a Netflix clone application as a docker container on Kubernetes cluster through a secure CI/CD pipeline using **Jenkins, Sonarqube** for static code analysis, **Trivy** for vulnerability scanning of **docker images**, **Prometheus** and **Grafana** to monitor **Jenkins, ArgoCD** and for **Kubernetes** deployment
- **Voting Application:** Deployed a Voting application with frontend in React, API using Golang and MongoDB as a database with replica set for high availability in a Kubernetes cluster
- **Ride Sharing Application:** Deployed a ride sharing application in a Kubernetes Cluster using different AWS services such as Lambda, IAM, API Gateway and DynamoDB, Amplify

## PROFESSIONAL EXPERIENCE

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**Devops Engineer**    Landmark Technologies - (Canada)

Mar 2020 - October 2023

- Design, deploy and manage highly available and scalable cloud infrastructure on AWS using various services such as **EC2, S3, RDS, VPC, Lambda, IAM** and **cloudformation**
- Implemented and maintained **CI/CD** pipelines using **Jenkins** and **Github webhooks** to automate the triggers from SCM and integrated build tools such as **Maven**, Gradle and integrated **sonarqube** for security scanning
- Leveraged Terraform to define infrastructure as code and created reusable **Terraform** modules for different environments (development, testing, production) scalability
- Automated infrastructure deployment for a critical e-commerce application using **Terraform, Ansible**, and **Jenkins** to ensure scalability, reliability and cost- efficiency.

- Installed **Jenkins** on dedicated servers and set up required plugins, created Jenkins declarative pipelines as a code using a Jenkinsfile in the project repository.
- Trained and mentor team members on cloud infrastructure, Devops and containerization
- Leveraged **Ansible** for configuration management and **ElasticSearch**, **Kibana** and **Logs Explorer** for analysis
- Conducted regular cost and usage analysis of AWS infrastructure using tools such as AWS cost Explorer and developed cost optimization recommendations to reduce infrastructure costs.
- **Impact:** By migrating applications onto Kubernetes clusters and implementing load balancing using ingress and egress controllers, I made applications more scalable and available
- **Impact:** Reduced the deployment of new feature time from 5 hours to under 30 minutes by implementing End to End CI/CD

## Devops Engineer

Mar 2016 - Feb 2020

### Servtrust

- Proficiently created and managed Git repositories to organize and track project source code, ensuring version control integrity
- Deployed **Micro services** related to a lending application on Kubernetes cluster deployed on AWS infrastructure
- Improved life cycle of notifications of application using **SNS**, **SQS**, **S3**, and **Lambda Functions**
- Implemented CI/CD process and integrated GIT, Nexus, SonarQube, Maven artifacts built with Jenkins and creating Docker image and using the Docker image to deploy over EKS (Kubernetes).
- Orchestrated the Maven build lifecycle, encompassing essential phases such as clean, site/swagger, package, and deploy, to maintain project integrity.
- Configured S3 buckets with various lifecycle policies to archive the infrequently accessed data to storage classes based requirements
- Created and configured elastic load balancers and auto-scaling groups to distribute traffic
- Utilized **IAM** for creating roles, users and groups and also implemented MFA to provide additional security to the AWS account and its resources
- Implemented and maintained the Branching and build/ release strategies utilizing GIT. - Experience with container-based deployments using Docker, working with Docker images, Docker Hub and Docker-registries and Kubernetes.
- Demonstrated ability to troubleshoot and resolve complex technical issues, ensuring uninterrupted system functionality. Proven track record of leveraging Linux and Bash scripting to optimize processes and streamline workflows.
- **Impact:** Lending application helped over 5000 entrepreneurs to gain funding for their businesses

## EDUCATION

### Bachelor of Science

2012 - 2016

Covenant University