Erere Asini

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# PROFESSIONAL SUMMARY

Experienced DevOps Engineer with hands-on practice of DevOps processes, Infrastructure automation and quality engineering, works well within a diverse team capacity, goal-oriented professional with a passion for technology, seeking to leverage a portfolio of technical and leadership skill sets to enhance business objectives and tackle challenges within an organization

# PROFESSIONAL EXPERIENCE

## DevOps Engineer Foot Locker Inc. – Contract - Remote June 2023 – Present

* Design, implement, and maintain automated deployment pipelines using CI/CD tools for fast and reliable software releases
* Collaborate with development teams to design, implement, troubleshoot application and infrastructure issues to ensure optimum security, reliability, scalability, and performance
* Implement and maintain monitoring, alerting, and incident response controls to detect infrastructure issues to mitigate user blast radius
* Managed, configured, and implemented containerization technologies, and other cloud- based infrastructures
* Automation of DevOps tasks using repeatable template to eliminate manual interaction

**Skills:** Jenkins • GitHub • JIRA • Docker/Kubernetes • Terraform/CloudFormation • Linux • Grafana • AWS: Route53, S3, EC2, ECS, EKS, Lambda, SNS, SQS, ALB, VPC, IAM, RDS,

Codebuild, CodeCommit, CodePipeline

## DevOps Engineer Shalom Health Care – Contract-Remote Jan 2023 – May 2023

* Cloud monitoring and alerting systems for infrastructure health and vulnerabilities
* Worked with development team to troubleshoot and fix application bug issues
* Automated backend storages, for storing artifacts, logs, EBS volumes and snapshots
* Worked on Terraform modules to deploy scalable core infrastructures, and microservices
* Managed and maintained CI/CD pipelines for end-to-end job automation, and troubleshoot and fix build issues
* Root cause analysis, 24/7 production support and reacted to pagerduty alerts accordingly
* Managed and enhanced shell scripts to automate the installation of application packages

**Skills**: Terraform/CloudFormation • Git/GitHub • JIRA • Docker/Kubernetes • Grafana • AWS: CloudWatch, ECS, EC2, EKS, S3, DynamoDB, Route53, IAM, RDS • Linux/Windows • Python

## DevOps Engineer Capital One Plano, Texas – Contract Feb 2021 – Dec 2022

* Automated infrastructure security and privilege access policies onto AWS platform,
* Managed and rehydrated AWS infrastructures in staging and production environments
* Continuous monitoring of application infrastructures in prod and non-prod environments
* Performed disaster and recovery initiatives in collaboration with application teams
* Database migration from RDS to Aurora DB according to business needs
* Developed shell scripts for EMR bootstrap deployments to multi - AWS accounts
* Assisted team in development of lambda functions, step function workflows, test cases
* Managed and fixed build issues for customized Jenkinsfile for enterprise gear deployments
* 24/7 production support, user issues remediation, and change orders implementation

**Skills:** Docker • Terraform • CyberArk • JIRA • Jenkins • Splunk • Grafana • ServiceNow • PostgreSQL • Apache Arrow • BASH • Python • Linux • Git/GitHub • Nginx • PGAdmin • AWS: EC2, ECS, S3, RDS, IAM, EMR, ASG, ELB, Route53, Boto3 - Lambda SQS, SNS, JSON, YAML

## DevOps Engineer FareNow Bookings Dallas, Texas – Contract Sep 2017 – Jan 2021

* Deployed AWS cloud infrastructures: EC2, S3 bucket, CloudFront, VPC, Subnets, Security groups, Auto Scaling, AMI, RDS, LC, ALB/ELB.
* Coordinated with security and network teams to provide a robust AWS infrastructure platform by setting up user access and roles on IAM with VPC and subnetting.
* Continuous support 24/7 to applications based in the AWS cloud.
* Automated builds and deployments using Jenkins to reduce human error and speed up production process.
* Dockerized web app by creating Dockerfile and automated Docker image creation and image push into Docker registry.
* Set up Jenkins’s master and added the necessary plugins and additional slaves to support scalability and agility.
* Created nightly builds, integrated SonarQube for code quality, created quality gates in SonarQube dashboard, enforced the pipelines to fail the builds when conditions not met.
* Reduced deployment time for critical agile project infrastructure from 1 month to 2 days.
* Setup Grafana dashboard to monitor running docker containers, CPU and disk space usage and other infrastructure metric performance.
* Assisted in creation of python, shell scripts for automation of builds.
* Setup Kubernetes dashboard, Prometheus server to check infrastructure target status.

**Network Support Engineer Logiciel Technologies** Lagos, Nigeria **Jun 2012 – Sep 2016**

**Central European Teleport – Onlime Technologies** Hameln, Germany **Jul 2011 – May 2012 Network Operations Center Administrator –** Full Time

# EDUCATION

## NuCamp Coding Bootcamp – Online Jan 2023 – Jul 2023

* **Certificate of Completion Web Development**
  + Back End, SQL, and DevOps with Python || HTML, CSS, Vanilla – JavaScript

**University of Surrey,** Guildford, United Kingdom **2010**

* **Master of Science** - Mobile Satellite Communications

**University of Science and Technology** Port Harcourt, Rivers State. Nigeria **2009**

* **Bachelor Of Technology –** Electrical Electronics Engineering

# CERTIFICATIONS

* AWS Cloud Practitioner