**AKINBOLAJI TAIWO JOSEPH**

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# WORK EXPERIENCE

**Devops Engineer** Sept 2021 – Till Date

*TTC Mobile World, Frisco, Texas USA*

* Worked with Amazon IAM console to create custom users and groups.
* Worked on configuring security groups, setting up Elastic IP's and auto-scaling Configuration.
* Managed GitHub repositories and permissions, including branching and tagging.
* Designing & Building Web Environments on AWS, services like VPC, EC2, ELB, S3 & Route53.
* Designed and managed public/private cloud infrastructures on AWS using VPC, EC2, S3, CloudFront, Elastic File System, RDS, Direct Connect, PostgreSQL, MySQL, Route53, CloudWatch, CloudTrail, Cloud Formation.
* Managed and Scale-up EC2 instances on AWS platform using Autoscaling and ALB
* Deployed application to Tomcat Application Server and static contents to Apache web servers.
* Integrated Webhook on GitHub to trigger automated build and feedback on Jenkins
* Set up CI/CD pipeline for microservices and integrated tools like SonarQube, Docker, and Tomcat
* Automate deployment to staging environment before manually deploying to production
* Create and maintain fully automated Jenkins CI/CD pipelines for code deployment
* Setup Life Cycle Policies for creation of new snapshots, deletion of old snapshots in S3 using S3 CLI tools and backing data from S3 to Glacier and Deep Glacier.
* Built and deployed Docker containers to break up monolithic apps into microservices, improving developer workflow, increasing scalability, and optimizing speed.
* Worked with Software Engineers to deploy, automate build and release management process including monitoring changes between releases.

# Cloud Architect Jun 2019 – Nov 2020

*SilverEdge Integrated Technology*

* Ensured High availability on all running servers
* Worked with AWS services like; DynamoDB, Autoscaling, Load balancing, S3, VPC, IAM roles and policies, and others.
* Troubleshooting, maintaining and continuously improving application infrastructure.
* Using cloud watch to monitor infrastructure and provide root cause analysis
* Used Blue/Green deployment in AWS elastic Beam-stalk for fast code deployment on the Server.
* Architected and implemented cloud solution for data migration from On-Premise Infrastructure
* Provided expert level design and engineering support towards the successful delivery of IT cloud project portfolio
* Ensuring proper documentation of system architecture and deployment.
* Installed, configured and maintaining web services with Apache, Nginx, PHP-fpm, WordPress etc.
* Used MySQL, to perform basic database administration.
* Integrated maven with GIT to manage and deploy project relates tags

# WordPress Web Designer/ Web Developer July 2017 – April 2018

*Fiverr.com (Freelance)*

* Designing and implementing new features and functionality. Establishing and guiding the website’s architecture
* Ensuring high-performance and availability, and managing all technical aspects of the CMS. Working with debugging tools like Firebug, Chrome inspector
* Formulated effective, responsive design and turning it into a working theme and plugins.CSS changes and their ramifications to ensure consistent style across platforms and browsers
* API integrations like hotels, flights, cars, Zapier, Twilio, etc. Configuration of web hosting, DNS NameServers, SSL certificates etc
* Proposed technical feasibility solutions for new functional designs and suggested options for performance improvement of technical objects.
* Delivered performance-driven and user-centric websites that met all business requirements.

# EDUCATION

**Bachelor of Science, Civil Engineering** Jan. 2010 – Mar. 2015*University of Ibadan, Ibadan, Oyo State, Nigeria*

**West African Senior School Certificate** Sept. 2001 – July 2006*Science* *Kadrex International College, Okene, Kogi State, Nigeria*

**SKILLS**

# Soft Skills

* The ability to work independently and in mixed teams
* Excellent written and spoken communication skills
* Excellent ability to multi-task and meet deadlines
* Innovative and logical approach to problem-solving abilities
* Experience of development methodologies (Agile methodology)

# Technical Skills

* Linux, AWS, Git, Github
* Docker, Jenkins, Maven, Terraform
* Shell Scripting, Networking
* MySQL,MongoDB