Taiwo Abbey

DevOps || Platform Engineer || RHSA || SCM

AWS Solution Architect || Windows || Cloud Engineer || BSc

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TECHNICAL SUMMARY

I am a DevOps, Systems, and Cloud Engineer with extensive experience in managing IaaS, PaaS, SaaS, and On-Prem Infrastructures. I have over 7 years of experience working as a DevOps, Cloud, and Systems Engineer and managing resources in AWS and other Cloud platforms. I am Skillful with Source Code Management, Configuration Management using Ansible, Orchestration Management with Kubernetes, Infrastructure management with Terraform, CI/CD Automation, and Git Action. I am an avid learner who is always discovering and eager to explore new technologies and opportunities.

HIGHLIGHT OF SKILLS AND QUALIFICATIONS & ACHIEVEMENTS

- Digital Payments and FinTech Expert
- Managing and deploying; IaaS, PaaS, SaaS, and On-prem Infrastructures
- Languages; Bash Shell, python, html, PowerShell YAML, JSON and Groovy
- Cloud Engineering (AWS Solution Architect)
- Kubernetes Administrator
- Building Continuous Integration/Delivery pipelines (Jenkins, Docker, Kubernetes, Helm, Ansible, Terraform, GitHub, Git, Groovy, AWS Code Build, Code Pipeline, Prometheus and Grafana, Nexus, Docker, AWS EKS, AWS Code Commit, EFK/ELK)
- Enterprise Application Development (Java)
- Operating Systems (Linux, UNIX, Solaris, Windows Server)
- DBMS (MongoDB)
- Web/Application Servers (JBOSS, Tomcat, WebSphere, Nginx, HAProxy)
- Business Intelligence & Dashboard Reporting
- Systems Integration (Core Banking Application & FinTech)
- Product & Project Management. (Data Trending, Market Insight, Process re-engineering)

Tool Chain:

Terraform, Ansible, Kubernetes, Helm, Docker Swarm, Docker, Jenkins, Apache httpd, Nginx, HAProxy, Tomcat, Wild fly/JBoss, Nexus, Maven, SonarQube, SCM, Git/GitHub, New Relic, Prometheus, Grafana, ELK/EFK, SVN, AWS CloudFormation, AWS EC2, AWS IAM, AWS CloudWatch, AWS ELB, AWS EBS, AWS EKS, AWS VPC.ETC

Dominion Systems, Richardson TX | DevOps Engineer | January 2019- Present

- Building Complex Automated CI/CD pipelines using multiple interconnected tools.
- Proposed and implemented the migration from monolithic architecture to microservices.
- Configured continuous monitoring using New Relic, Prometheus and Grafana. Data Analytics and log management using EFK (Elasticsearch File beats and Kibana)
- Installed and configured web/application Servers (JBoss/Wild fly, Nginx, Apache, Tomcat)
- Configured, installed, resized and deployed Elastic Computers in AWS and Google cloud.
- Strong experience in enhancing security configuration in Linux, Windows, Docker and Kubernetes.
- Using Docker for containerization with Docker Swarm and Kubernetes for container orchestration.
- Configured hybrid cloud networks and transit gateways.
- Building and configuring Kubernetes Clusters ensuring that nodes/pods can auto scale and load balance Using Kubeadm, Kops and EKS.
- Automating infrastructure provisioning and configuration using Terraform and Ansible with Dynamic Inventory.
- Experienced in using terraform, AWS SDK, AWSCLI/UI, kops and ansible to provision and configure infrastructures in AWS Cloud including; VPC, Route53, Private and Public subnets, route tables, IGW, EC2 Instances, IAM, ELB, Autoscaling, CloudWatch, EFS, NFS, EBS, S3, Databases, Lambda security groups, NACLS, among others.
- DBMS (MongoDB).
- Build Release Engineering and configuration management which includes environment setup, build automation, continuous integration, Scripting and deployments.
- Good exposure to all phases of Software Development Life Cycle (SDLC).
- Writing, modifying and maintaining ansible playbooks, and automation scripts.
- Participate in recruitment, onboarding and training of new recruits.

Dominion Systems, Richardson, TX | Junior DevOps Engineer | January 2017 – January 2019

- Configured Git with Jenkins and schedule jobs using webhook option.
- Installed and configured GIT and communicating with the repositories in GITHUB. Collaborated with different teams to deploy application code into Dev, QA, and Staging.
- Installing and updating the Jenkins plug-ins to achieve CI/CD.
- Responsible for installing Jenkins master and slave nodes.

- Created Jenkins CI/CD pipelines for continuous build & deployment and integrated Junit and SonarQube plugins in Jenkins for automated testing and for Code quality check.
- Integrated SonarQube with Jenkins for continuous inspection of code quality and analysis with SonarQube scanner for Maven.
- Managed Sona type Nexus repositories to download the artifacts (jar, war & ear) during the build.
- Wrote playbook manifests for deploying, configuring, and managing components.
- Managed the working environments through configuration management tools ansible.
- Worked with developers and testers to test the source code and applications through Jenkins plug-ins.
- Responsible for installing Apache, Tomcat and troubleshooting web server issues.
- Proficient in deployment of WAR and EAR files in profiles and clustered environments.
- Administration and maintenance of servers using Red Hat Linux/Cento's 6 and 7.
- Installing and configuration of ansible server.
- Implemented AWS solutions using EC2, S3, EBS, ELB, Route53, Auto scaling groups.
- Built servers using AWS, importing volumes, launching EC2, creating Security groups, Autoscaling, Load balancers (ELBs) using Cloud formation templates & Golden AMI's using Infrastructure as a Service (IaaS).
- Designed, built, and deployed a multitude application utilizing almost all the AWS stack (including EC2, S3), focusing on high-availability, fault tolerance, and auto-scaling.
- Configured ELB with different launch configurations using AMI and EC2 Autoscaling groups.
- Creating S3 buckets and S3 life cycle policies and bucket policies (Read/Write)
- Creating EBS Volumes and snapshots and attaching to the EC2 instances

EDUCATION

1.	Landmark Metropolitan University	Cameroon	BSc.
2.	Linux Academy / Udemy	Online	Dev-Sec-Ops, Systems Administrator
3.	Udemy Course	Online	Terraform, Ansible, Kubernetes