

SUMMARY

- 7+ years of experience in the IT industry comprising of DevOps AWS Engineer and Build and Release Engineer which includes Software Configuration Management (SCM), Build/Release Management, Continuous Integration, Continuous Delivery using different tools, and System Administrator.
- Experienced in Configuring and Deploying infrastructure and applications into the cloud using AWS resources such as EC2 instances, S3, RDS, EBS, VPC, SNS, IAM policies, Route 53, Auto scaling, Cloud Front, Cloud Watch, Cloud Trail, Cloud Formation, OpsWork, and Security Groups focusing on fault tolerance and high availability.
- Experience in Migrating production infrastructure into Amazon Web Services cloud utilizing AWS Server Migration Service (SMS), AWS Database Migration Service, Elastic Bean Stalk, Cloud Formation, Code Deploy, Code Commit, EBS, and OpsWorks.
- Extensively used Docker for virtualization, Ship, Running and Deploy the application securely to fasten the Build/Release Engineering.
- Experienced in Installations, Upgrades, Patches, Configuration, Performance tuning on UNIX/Linux, system software and hardware.
- Experience in working on DevOps/Agile operations process and tools area(Code review, unit test automation, Build & Release automation, Cloud Infrastructure). It includes AWS, Maven, Jenkins, Docker, Kubernetes, SonarQube, Ansible, Terraform, GitOps, Git, Tomcat, Nginx, and Linux.
- Implements a CI/CD pipeline using Azure DevOps (VSTS, TFS) in both cloud and on-premises with GIT, MS Build, Docker, Maven along with Jenkins plugins
- In-depth understanding of Software Configuration Management (SCM) processes which include compiling, packaging and deploying of various applications.
- Experience in working with different build automation tools like Jenkins, Maven, SonarQube, Nexus, to achieve End-to-End Automation.
- Created CI/CD declarative pipeline for application Test, Build, push artifact to ECR, Dockerhub, Nexus, and deploy to the production environment.
- Experience with DHCP, DNS, TCP/IP, VPCs, Subnets, SSH, and Firewall
- Experience in microservice over monolithic approach, architect applications to be independently scalable, versionable and deployable
- Experience in Production systems troubleshooting, root cause analysis, performance monitoring and improvement using Prometheus, Grafana, and DataDog,
- A highly motivated, energetic individual, a team player with excellent communication and interpersonal skills

TECHNICAL SKILLS:

- **Framework/DevOps tools:** Jenkins, Maven, Terraform, Kubernetes, Helm, Prometheus, Grafana, DataDog, Docker, BitBucket, ArgoCD, Gitlab, Github Action, GitHub, Ansible, SonarQube, Jest, Nexus.
- **Cloud Services:** AWS (EC2, IAM, S3, Route53, ELB, RDS, EBS, Security Group, CloudFormation, CloudFront, CloudWatch, Elastic Beanstalk, EKS, Auto Scaling Group, ECS, VPC, ELK, KMS, Subnets, AMI, Minikube, Vagrant, Azure DevOps, GCP
- **Languages/Script:** Bash, Groovy, Python, JavaScript
- **Data Base:** DynamoDB, SQL, PostgreSQL, RDS
- **Web Servers:** Tomcat, Nginx, WildFly
- **Observability Monitoring:** Prometheus, Grafana, DataDog, Dynatrace
- **Collaboration Tools:** Teams, Slack, Jira
- **Operating Systems:** Linux, Windows
- **Networking:** DNS, TCP/IP, HTTP(s), VPC, Subnets, SSH, Firewall

EXPERIENCE:

company name: **MUFG Bank, TX USA.**

Position: DevOps Engineer

Duration: 29th May 2023 – Till date (Contract)

- Migration of TFS repos and pipelines to Azure DevOps
- Manage Production, Development and Test environment
- Manage On-prem and Azure DevOps (SaaS)
- Manage and Support build and release processes
- Support different teams on bugs and projects deadline
- Developed and implemented **Software Release Management** strategies for various applications according to the agile process.
- Configure and Monitor Applications, Servers, and Services on Dynatrace

company Name: **Adler Technology**

Position: DevOps Engineer/IT Admin

Duration: Jan, 2022 – April 2023

- Involved migration in modularization of the infrastructure application through the usage of automation tool, ansible and integration with **Jenkins**.
- Developed **Ansible** playbooks for automatic deployment and configuration of **RHEL** servers for test and prod environments.
- Responsible for Setup and build **AWS infrastructure using** resources **VPC, EC2, S3, RDS, Dynamo DB, IAM, EBS, Route53, SNS, SES, SQS, CloudWatch, CloudTrail, Security Group, Autoscaling and RDS using CloudFormation templates**.
- Developed **Scripts** and great ideas to automate system **deployment to scale** infrastructure.
- Created documents on build and release process and flow, release processes, order of activities for all releases, user guide for developers for local builds.
- Used **AWS Beanstalk** for deploying and scaling web applications and services developed with Java, Node.js, Python and app deployments and worked on AWS lambda with Amazon kinesis.
- Eliminated extended downtime of network and processes by installing and configuring a **Nagios server to monitor Windows/Linux servers**.
- Automated deployment of 7 new servers using Terraform and Ansible playbook to reduce manual effort by 92%
- Supported the infrastructure of a \$150M company, including AWS EC2 instances, RDS databases, Elastic Load Balancers, S3 buckets, Route53 DNS records, Cloudfront CDN distribution, Horizontal autoscaling application on Kubernetes,
- Deployed and manage Kubernetes cluster, servers, networks, and database using Terraform.
- Built an infrastructure for production, QA, and dev environment for web app that grew to 600k users.
- Implemented Continuous Delivery systems that led to improvement in ship time by 40%.
- Managed a team of 5 to develop automation processes that enable teams to deploy, manage, configure, scale, and monitor application that boosted production by 45%.
- Implemented monitoring on applications and infrastructure systems which reduced critical incidents by 12%.
- Wrote End-to-End Jenkins pipeline that checkout code, test, build image, push to registry, and deploy to Kubernetes.
- Introduced bug tracking system auto generated product defects report that enable 15 developers to track and fix bugs before releasing them to 230k clients.
- Wrote bash and python script that checks servers uptime and downtime every 3hrs.
- Configure a Kubernetes ingress controller (HA proxy, Nginx ingress) that that Load balance application and route traffic based on defined policy

company Name: **Equipment Hall Limited**

Position: System Administrator/DevOps Engineer

Duration: Aug, 2017 – Dec ,2021.

- Worked with team to send out Stage - releases every week, and resolving the defects which come across.
- Created **Jenkins** pipelines for artifacts build, to perform **Docker** container build and uploading it to the Artifactory repository.
- Used **Terraform** and **Ansible**, migrate legacy and monolithic systems to **Amazon Web Services**. Used Terraform scripts to configure **AWS resources**.
- Created, managed **Kubernetes** objects like pods services, namespaces, applications and replication sets, deployments using the **YAML**.

- **Deployed and monitored scalable infrastructure on Amazon Web Services (AWS) & configuration management using Chef.**
- Created **docker-compose.yaml** file templates to deploy images in docker containers managed by **Docker Swarm**
- Implemented **Ansible** to manage all existing servers and automate the build/configuration of new servers.
- Monitored Applications performance using **Dynatrace** by navigating to code-level insight, creating alerts when nodes are down and CPU, Memory consumptions are high. Also, find root cause if it is code level or from deployment level.
- Created groups, assigning roles and permissions using IAM service.
- Integrated Jenkins with various DevOps tool like Ansible and used CI/CD system of Jenkins on Kubernetes container environment, utilizing Kubernetes and Docker for the runtime environment for the CI/CD system to build and test and deploy.
- Reduced average server downtime by 67% through improved monitoring processes and 24/7 maintenance checks.
- Developed and implemented Software Release Management strategies for various application according to the agile processes
- Used AWS Beanstalk for deploying and scaling web applications and services developed with Java, Node.js, and Python
- Used Maven as build and Test tool on Java projects for End-to-End pipeline to achieve efficient deployment of applications
- Implemented AWS solutions using EC2, S3, RDS, EBS, Elastic Load Balancer, Auto scaling groups, and Optimized volumes
- Designed and deployed infrastructure on AWS and Azure using services such as EC2, RDS, ELB, Elastic Beanstalk, and Route 53.
- Used minikube in Dev environment and performed tests before deploying to production
- Provisioning infrastructure on AWS using Terraform, including VPCs, Subnets, Security groups, EC2 instances, and RDS databases
- Created and maintained Ansible playbooks for automating application deployment and configuration management.
- Implemented CI/CD pipelines using Jenkins and Git, reducing manual intervention and increasing release frequency.
- Managed Dell Servers (PowerEdge Rack servers) for Financial Institute, Telecom, and Oil & Gas sectors
- Maintaining and upgrading IT devices
- Managing IT project of over \$800k for a Modular School
- Managed client/server configuration and performance-tuning of crucial infrastructure to ensure seamless business operations by setting up secure WIFI, LAN, and VoIP networks at 200 remote locations.
- Created comprehensive inventory of all hardware, software, supplies, and documentation for 780 clients

EDUCATION

- **Oko Polytechnic** – Anambra State, Nigeria
HND in Computer Engineering, 2016.
- **Oko Polytechnic** – Anambra State, Nigeria
OND Information Technology, 2014
- **Rosyland College** – Mafoluku, Oshodi, Lagos
SSCE – 2012.

CERTIFICATION

- AWS Solution Architect (In view)
- Oracle Cloud Infrastructure DevOps Professional (In view)
- AWS Cloud Practitioner
- Azure DevOps
- Dell System Engineer

REFERENCE:

- Available upon request