

Abiola Lawal Sheriff

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PROFESSIONAL SUMMARY

A performance-driven and enthusiastic Cloud and DevOps Engineer with interests in building efficient development operations that can balance service reliability and delivery speed and drive team and company growth in the long run. Over time, I have collaborated with various teams as a Cloud / Devops Engineer and Infrastructure Engineer with which I have become value driven and a skilled initiator of successful cloud and devops engineering projects and strategies in ensuring effective engineering and business decisions that affect the excellence and performance of the organization. Version Control, networking, database management and collaboration are some of my core strengths as a Cloud and DevOps Engineer for achieving organizational and personal goals.

SKILLS AND PROFICIENCIES

- Excellent Written and Verbal Communication

Kubernetes - automates operational tasks of docker containers management

Microsoft Office proficiency (Word, Excel and PowerPoint)

Leadership, organizing and strategic thinking

Scrum master and Data analyst

Operating Systems: Ubuntu, Red Hat Linux, AWS EC2

Collaboration and Teamwork

Monitoring Tool: Prometheus & Grafana, Datadog.
- Iaac Tools: Ansible, Terraform

Networking: TCP/IP, VPC

Version Control: Git, GitHub

Containers: Docker, ECS, EKS, Dockerfile

CICD tool and Build Tools: Maven, Npm, Jenkins

Scripting & Other Tools: Bash Scripting, Python, Javascript, Expres.js, Node.js, React full-stack (Next.js).

Database: RDS, DynamoDB, MongoDB, Postgres

Client and Stakeholder relationship Management

WORK EXPERIENCE

DevSecOps & Software engineering - Scrum master | Greig Technologies Limited | July 2023 - Present

- Bridging the gap between front-end and back-end development.
- Set up and maintaining the development, staging, and production environments.
- Implementing CI/CD pipelines & Automating security testing, vulnerability scanning, development, monitoring and compliance checks into the CI/CD pipeline.
- Manage infrastructure as code (IaC) using tools like Docker, Kubernetes and Terraform.
- Monitoring and responding to security incidents and alerts.
- Conducting security assessments and audits of infrastructure, applications, and code.
- Implementing security policies,procedures and access controls.
- Participating in threat modeling and risk assessment activities.
- Continuous evaluating and improving security processes and technologies to migrate emerging threats.
- Setting up physical servers and installing software using ansible and maintaining the servers.

Setting up Jira for project management and monitoring of progress.

Serving as a leader-servant to the team, fostering a culture of trust, empowerment, and self-organization.

Cloud & DevOps Engineer | Redtech Limited | Jan 2021 - 2023

Automated build process and deployment to Elastic Kubernetes cluster and managed the distributed version control environments such as GitHub

Leveraged on API Gateway and AWS Lambda to create a serverless application and developed a CICD pipeline leveraging Jenkins for deployment of Micro-service to Kubernetescluster

Provided support on scaling infrastructure leveraging DevOps best practices and automated deployment to developer environment which improved the triggering of deployment to QA for functional testing

Monitored servers using Prometheus & grafana to ensure no downtime in application and resolved laboratory

Automated ec2 instances and encrypted elastic block store volumes (AWS EBS) leveraging python boto3

Set up CI/CD pipeline for microservices and integrated tool like SonarQube, Nexus Artifactory, Docker, and Microsoft teams

Infrastructure Engineer intern | Waya MultiLinks Technology Limited | June 2020 – Dec 2020

Maintained and configured Jenkins for continuous integration and developed Jenkins pipeline leveraging Jenkinsfile

Created AWS accounts for teams, managing IAM roles and permission.

Leveraged Terraform to configure and deploy resources on AWS platform and set up web servers with NGINX using Ansible

Managed the CICD pipeline deployment with docker through ansible playbook automation which ensured high availability of infrastructure by continuously monitoring and improving processes

Implemented Agile and DevOps culture across organization to improve velocity

DevOps Engineer Intern| Real Clouds and DevOps | Oct 2019 – April 2020

Ensured high availability on all running servers and conducted troubleshooting, maintenance and continuously improving application infrastructure.

Leveraged cloud watch to monitor infrastructure and provide root cause analysis

Leveraged AWS services such as DynamoDB, Auto scaling, Load balancing, S3, VPC, IAM roles and policies and others.

Set up VPC and creating subnets for different department in the organization.

EDUCATION

Bachelor of Science (BSc) in Computer Science

Esepele Berger University

2018

PROFESSIONAL CERTIFICATIONS

DevOps- Application lifecycle Management- Alison Educational Company

Understood DevOps CALMS and was able to distinguish between each aspect of CALMS Understood the power of TFS as an end-to-end ALM platform.

Linux Network Administrator- Alison Educational Company

Described the function of Oracle VirtualBox, Outline the process of creating a virtual machine, Explain the steps for enabling internet access to the Virtual Machine

- Scrum master training- Alison Educational Company

Described how to deliver working software frequently and how to build projects around motivated individuals

- Back-End Web Developer With NodeJS- GOMYCODE

Built high quality applications with Node, Express and MongoDB, Built a feature-rich RESTful API Mastered all modern Back-end technologies: Node, Express, MongoDB and Mongoose (MongoDB JS driver). Understood the NoSQL database, Handled databases with an ODM (Mongoose)

Built the back-end of a web application, Applied best practices to build fast, scalable, and secure applications.

Full stack development- Cadar

Front-End Development with programming skills
Back-End Development with programming skills

Scrum master certification specialization- LearnQuest- Coursera

Scrum terminology and roles

Managing tasks and events within a Sprint