

# OLALEKAN LAWRENCE OWOLOYE

**DevOps Engineer | | Cloud Engineer | | Platform Engineer | | Cloud Software Engineer**

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## Professional Summary:

A team player and security-driven DevOps & Cloud Platform Engineer with over 9 year's experience in systems administration, software configuration management, cloud integration using various CI/CD and SCM tools for end-to-end automation & deployment of software to different environments. Experience in implementing security best practices to provision and manage secure, fault-tolerant, scalable and highly available architectures. Hands-on experience in containerization and orchestration of micro-service applications into different environments leveraging various DevOps automation tools. Familiar with agile and Scrum SDLC methodologies.

**Soft Skills:** Computer skills, conflict resolution, reliability, team player, strategic thinking, problem solving, analytical skills, networking, leadership, adaptability, organization, communication, critical thinking, analytical, detail-oriented.

## SKILLS

Operating Systems	Linux (Ubuntu), Windows
Version Control Systems	Git, Github, Gitlab SCM
Infrastructure as a Code Iaas	Terraform, Cloudformation
Build Management Tools	Maven, ANT,
Scripting Languages	Shell Script, Yaml, JavaScript
Web/Application Servers	Apache Tomcat, Apache Http
Continuous Integration Tools	Jenkins, Github Actions, Circle CI
Databases	MySQL, MongoDB, PostgreSQL, DynamoDB, S3 Object Storage
Configuration Management Tools	Ansible
Containerization Tools	Docker, DockerSwarm, EKS, ECS, Kubernetes, Podman
Cloud Technologies	AWS, GCP, IAM, VPC, EBS, EFS, S3, ELB, Auto Scaling, Route53, CloudWatch, CloudFront, CloudTrail
Programming Language	C++, Java, PHP, Qbasic, Fortran and Matlab

## Work History:

### Alaska Northstar Resources | Senior DevOps Engineer

**Apr2024–Present**

- ☐ Integrated FlexDeploy with Jira to trigger automated CI/CD pipelines based on Jira issue status, optimizing the software development lifecycle.
- ☐ Configured and managed email services using Postfix and Dovecot, ensuring efficient communication within the organization.
- ☐ Successfully migrated servers from cloud to on-premises infrastructure, optimizing resource utilization and reducing dependency on external platforms.
- ☐ Configured and troubleshoot a DDI pipeline for infrastructure provisioning using ServiceNow, FastAPI (Python), MongoDB, Terraform, Ansible, and Jenkins to streamline deployments.
- ☐ Designed and implemented STIG audits and remediation using Ansible, ensuring servers complied with DISA STIG requirements and enhancing security automation.
- ☐ Automated entire STIG Operation for organization using Ansible, Jenkins and Python.
- ☐ Set up and optimized NGINX web server and PostgreSQL database server, enhancing performance and scalability of web applications.
- ☐ Automated Code Migration across all 3 Zones by Integrating Jenkins Pipeline and F5 VPN

- ❑ Established CI/CD pipeline to automate tasks and facilitate continuous integration and deployment, including security scanning processes for improved reliability.
- ❑ Developed a range of automation software tools to enhance accessibility and streamline processes, tailored to the requests of teams including Operations, Cloud Strategy, DBMS, Cybersecurity, and Development.

#### **CAE | Cloud Software Engineer**

**Feb 2022–Mar 2024**

- ❑ Good knowledge of using Nexus as an artifactory repository for artifact backup.
- ❑ Configured and managed highly available and scalable Kubernetes cluster to manage containerized applications and exposing to end users using various services –DNS, ELB, Node Port, Ingress Controllers and Auto Scaling.
- ❑ Experience in applying best practices in cloud security, auditing and implementing security controls.
- ❑ Good exposure in all phases of Software Development Life Cycle SDLC.
- ❑ Experienced knowledge of branching, merging, tagging and initializing Git repository concepts in version control tools like Git & SVN.
- ❑ Experience in designing, building and automating build/release of software from development to production environment.
- ❑ Implemented Docker in rootless mode, enhancing container security and isolating processes for better resource management.
- ❑ Used Jenkins to build complex CI/CD pipelines and integrate with other tools for end-to-end automation of builds and deployment.
- ❑ Extensive experience in using Maven as a build tool for building deployable artifacts such as JAR, WAR and EAR from source code.
- ❑ Deployed Mattermost on Kubernetes alongside GitLab server, enhancing collaboration and version control capabilities within the organization.
- ❑ Strategized upgrade path for Kubernetes cluster, implementing best practices to maintain availability and performance during the upgrade process.
- ❑ Proficient in multiple programming languages, including Python, JavaScript, Bash, and SQL, to support web and software development projects
- ❑ Optimized database management systems (DBMS) such as MongoDB, MySQL, and PostgreSQL, ensuring high availability, scalability, and performance.

#### **Coinbase | Senior DevOps Engineer**

**Dec 2020– Feb 2022**

- ❑ Terraform Provisioning of AWS Services like RabbitMQ, ALB, Route 53, S3, VPC's.
- ❑ Implementing security best practices in AWS including multi factor authentication, access key rotation, encryption using KMS, firewalls- security groups and NACLs, S3 bucket policies and ACLs, mitigating DDOS attacks etc.
- ❑ Collaborated with cross-functional teams in an Agile environment, improving team efficiency, problem-solving, and software engineering practices.
- ❑ Applied security by design concepts through SDLC and leveraged best practices to build secure, fault tolerant, highly available and scalable architecture and applications.
- ❑ Monitoring and troubleshooting server performance by using a performance monitor and performance logs and counters.
- ❑ Used Jira to track vulnerabilities, requests and incidents.
- ❑ Launching and configuring Amazon EC2 (AWS) Cloud Servers using AMI's (Linux/Ubuntu/Centos & Redhat OS) and configuring the servers for specified applications.
- ❑ Efficient use of Amazon Web Services (AWS) such as EC2, IAM, AMI, EBS, EFS, S3, Auto Scaling, RDS, CloudFront, WAF, KMS, NACLs, SG, VPC, Subnets, IGW, Route53, etc.
- ❑ Experience in using Tomcat/ Jboss application servers for deployment.
- ❑ Automated deployment of multiple applications integrating Ansible with Jenkins in continuous integration and continuous deployment of monolithic and microservice applications.
- ❑ Efficient use of Ansible-playbook to automate configuration management; servers, patching, user and file management, and resolving Ansible related issues.
- ❑ Good working experience on Linux and Windows Servers operating systems.
- ❑ Used CI/CD tools Jenkins, Git and Docker registry/daemon for configuration.

**Dell Technologies | Cloud DevOps Engineer****Mar 2017–Nov 2020**

- ☐ Integrate, implement and maintain Continuous Integration and Continuous Delivery environments (Jenkins).
- ☐ Experience in container technologies like Docker and automating container image creation process, build and deployment in a container environment.
- ☐ Hands-on experience in Azure web app, storage accounts, subnet, vnet.
- ☐ Worked with Version control source code repositories like GIT.
- ☐ Having good understanding of Networking, HTTP/HTTPS, Firewall, Load Balancers
- ☐ Daily activities included, delivering daily/nightly builds for the scrum teams, supporting teams with SCM requests, maintaining code stability using CI methodologies, deployments and troubleshooting other day-to-day issues.
- ☐ Created Docker images using a Docker file, removing images and managing Docker volumes
- ☐ Excellent use of SonarQube for code quality to check for bugs, duplicate lines, vulnerabilities, & code smells.

**Coca-Cola | System Administrator/DevOps Engineer****Jun 2016 - Jan 2017**

- ☐ Managed multiple Linux servers efficiently using Ansible, ensuring smooth operations and minimizing manual configuration errors.
- ☐ Deployed Windows 7 to 10 upgrades seamlessly across the organization utilizing SCCM, enhancing user experience and system performance.
- ☐ Successfully migrated SQL Server 2012 R2, ensuring minimal disruption to operations and preserving data integrity.
- ☐ Automated routine tasks and system maintenance processes using Bash scripting, increasing efficiency and reducing manual workload.
- ☐ Conducted regular system audits to ensure compliance with security policies and best practices, mitigating potential vulnerabilities and threats.
- ☐ Implemented proactive software update strategies to prevent glitches and reduce downtime, enhancing system reliability and performance.
- ☐ Monitored server performance and resource utilization, identifying and resolving bottlenecks to optimize system responsiveness.
- ☐ Configured and troubleshooted TCP/IP and DNS in multiple LAN environments, optimizing network connectivity and resolving issues promptly.
- ☐ Managed user accounts, permissions, and file systems on Linux servers, maintaining data integrity and security across the network.
- ☐ Implemented backup and disaster recovery solutions for critical data on Linux servers, ensuring business continuity in case of unforeseen events.
- ☐ Administered, maintained Red Hat, Troubleshooting Hardware, Operating System Application & Network problems, and performance issues.

**GTBank | System Engineer****Aug 2014 - Jun 2016**

- ☐ Monitored IT usage and compliance, ensuring adherence to established processes, security policies, and industry best practices to maintain a secure and efficient IT environment.
- ☐ compliance with established processes, policies and guidelines.
- ☐ Provided Tier 1 IT support for hardware and software, delivering local and remote assistance to company personnel, ensuring minimal downtime and enhanced productivity.
- ☐ Diagnosed and resolved end-user technical issues, leveraging troubleshooting expertise in software, hardware, networking, UNIX/Linux system administration, and system configurations to improve user experience.

- Documented repair processes and optimized troubleshooting procedures, streamlining IT support workflows and improving resolution times for recurring technical issues.
- Configured and deployed new employee workstations, setting up hardware, software, network access, and peripheral devices to ensure smooth onboarding.
- Developed and automated system maintenance tasks using Bash scripting and Python, reducing manual efforts and increasing operational efficiency.
- Created and managed cron jobs for automating routine system tasks, including log rotation, system monitoring, software updates, and backup scheduling to ensure system integrity.
- Responded to IT support requests, guiding users through basic troubleshooting tasks, reducing escalations, and improving first-call resolution rates.
- Improved overall company performance through IT uptime and cost reductions, implementing preventative maintenance strategies and automating repetitive tasks to enhance system reliability and efficiency.
- Performed UNIX/Linux system administration tasks, including user management, file system permissions, process monitoring, and system performance tuning to maintain an optimized infrastructure.

## Google | GDG AAUA

**May 2014 - Aug 2014**

- Created successful websites that met requirements for objectives such as load speed and design.
- Defined and conducted design processes at all stages, including research, conceptualization, testing and implementation.
- Translated concepts into user flows, wireframes, mockups, and prototypes to promote positive intuitive designs, site interactions and user experiences.
- Designed visual and graphic images to use on multiple platforms.
- Conducted full life-cycle software development in multiple software environments.
- Delivered end-user training on content management systems allowing staff to make easy updates and maintenance to the website without developer assistance.
- Reviewed information and elements regularly on websites and pages for accuracy and functionality.
- Conducted full life-cycle software development in multiple software environments.
- Design and develop Mobile version of Website.
- Embedded and linked other social media platforms on websites for easy navigation.
- Integrated Customer online web chat for fast and easy reach to customer support

## Academic Profile

Npower	Advance CyberSecurity Training
AAUA	B.Sc Computer Science
UT Dallas	M.Sc Software Engineering

## Certifications

Certified Kubernetes Administrator (CKA) (in view)

AWS Solution Architect

Certified Scrum Master

Safe DevOps Practitioner

CompTIA Security+

CompTIA Network+

Microsoft Certified Tech Specialist: SQL Server Database Development (2008 R2).

***Reference:***

*Reference will be provided on request.*