

# Olayinka Y. Bolakale

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## PROFESSIONAL SUMMARY

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DevOps and Cloud Engineer with 6+ years' experience in SDLC automation. I possess excellent background in system administration, user management, technical support, application and system hardening, containerization, and monitoring. I can work independently as well as in a team with little or no supervision. High attention to detail and problem-solving through a collaborative team-player approach.

## SKILLS

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- Cloud Platforms: AWS
- CI/CD: Jenkins, GitHub Actions, Gitlab CI
- Scripting: Bash
- Ticketing: Atlassian
- Other: Maven, SonarQube, ArgoCD, DefectDojo,
- Containerization: Docker, Kubernetes
- IaC: Terraform, Ansible, Packer
- Monitoring: Prometheus, Grafana, ELK, Datadog
- Security: Gitleaks, Semgrep, Hashicorp Vault, 1Pass
- Version Control: Git
- Artifactory: Nexus, JFrog

## PROFESSIONAL EXPERIENCE

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### DevSecOps Engineer, *BlueLabs*

Charlotte, NC (March 2024 – Present)

- Develop, provision, configure and maintain CI/CD pipelines using Github Actions.
- Provision, configure and maintain self-hosted runners using Actions Runner Controller (ARC) in Kubernetes clusters.
- Deploy applications using helm in ArgoCD.
- Provisioning of resources using Terraform as IaC including but not limited to compute, storage, security, database, networking in AWS.
- Integrate various SAST, SCA and DAST tools like Gitleaks, Njsscan, Semgrep, Retire.js in CI/CD workflows to secure applications' source code, third-party, open-source libraries and frameworks and running instances and prevent exposure of secrets.
- Subject matter expert on various native tools in the organization.
- Integrate ArgoCD, Datadog and Slack for continuous monitoring of applications.
- Migrated CI/CD workflows from CircleCI to Github Actions.
- Deployed and integrated secret management tool (1Password) in Kubernetes clusters and terraform.
- Deployed, integrated and maintain external tools like Satori, Airflow, DefectDojo.

**DevOps Engineer, Fusions Solutions/T-Mobile**  
2024)

Charlotte, N.C. (January 2023 – March

- Provisioning of resources including but not limited to compute, storage, security, database, networking in AWS.
- Using Parker to automate custom AMI generation in AWS.
- Deploying tools like trivy, tfsec and checkov in pipelines to enforce compliance.
- Using docker to containerize applications and Kubernetes for container orchestration.
- Deploying and maintaining CI/CD pipelines in Jenkins, integrated with Github webhooks.
- Providing CI/CD pipelines using github actions integrated with SAST and SCM tests.
- Implement Release management workflow for QA and UAT environments.
- Set up Argo CD as Kubernetes controller for continuous deployment and monitoring of applications.
- Using Hashicorp vault for secret management.

**Sr DevOps/SRE Engineer, Starry**  
2022)

Secaucus, N.J. (March 2020 - December

- Designed and managed resources deployment and states using Terraform and creating reusable modules for provisioning resources in AWS.
- Wrote and maintained Dockerfiles for application deployment, leveraging Docker Hub for version control and image repository management.
- Used GitHub actions and semantic versioning for dynamic versioning of app releases.
- Ensured that all cloud solutions processes follow internally defined security and compliance standards and controls.
- Developed a comprehensive documentation and knowledge base for DevOps practices, tools, and processes, facilitating knowledge sharing among team members.
- Automated the provisioning of infrastructure using Terraform and Ansible, reducing the deployment time from days to minutes and ensuring consistency across all environments.
- Leveraged Bash to automate tasks and created different deployment scripts.
- Designed and implemented a scalable Kubernetes cluster architecture, reducing deployment time by 50% and improving application availability and resilience.

**DevOps Engineer, Nexius LLC**

Remote (September 2019 - February 2020)

- Deployed multistage CI/CD pipelines using Jenkins integrated with Dockerhub, SonarQube, and Nexus to deploy containerized applications into EKS clusters.
- Automated resources provisioning and configuration using Terraform and Ansible on AWS Cloud Platform.
- Led a team in the onboarding of different applications to Jenkins CI/CD Pipelines.
- Performed maintenance, monitoring, backup, and security on AWS environment.

**Build/Release Engineer, *Dominion LLC***

Remote (May 2018 - September 2019)

- Used Jenkins to build complex CI/CD pipelines utilizing plugins for end-to-end automation of builds, testing and deployments.
- Configured tools like Maven, SonarQube, and Nexus for builds, code quality and antifactory on Solaris, Centos and RHEL servers.
- Monitored and troubleshoot server performance by using Performance Monitor and Performance logs and counters.
- Used Jira to track vulnerabilities, requests and incidents and confluence for documentation.
- Monitored clusters using Prometheus for data aggregation & Grafana for data visualization well as data analytics and log management using EFK.

***EDUCATION*** 

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**Colorado technical University**  
*Engineering, 2023*

*Master of Science in Computer Science and Cybersecurity*

**Federal Polytechnic Offa, Nigeria**  
**2010**

*Bachelor of Science in Electrical/Electronic Engineering,*

***CERTIFICATIONS*** 

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- HashiCorp Certified: Terraform Associate
- AWS Certified Solutions Architect – Associate

***ACHIEVEMENTS*** 

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- Cost optimization using different AWS Cost optimization services.
- Developed and implemented monitoring and alert solution using AWS Monitor and Log
- AWS Backup Services Setup for applications as well as 3-tier infrastructure backup.
- Design and implementation of disaster recovery solutions
- Successfully designed, provisioned, configured, maintained, and supported highly secured, resilient, and available production grade Kubernetes clusters on AWS using Terraform thereby saving time and improved deployment processes.

