Folasayo A.

Adesanya

Winnipeg, Manitoba

(431) 877-3004

[folasayoadesanya01@gmail.com](mailto:folasayoadesanya01@gmail.com)

[Abiola Adesanya | LinkedIn](https://www.linkedin.com/in/abiola-adesanya-8a375b238/)

**PROFILE**

* Friendly, result-driven and responsible DevOps and Cloud Platform Engineer with over 5 Years of hands-on experience implementing CI/CD for end-to-end automation & deployment of software to different environments for fintech, ecommerce and clients in the health sector
* Consistently high performing individual with strong problem solving and logical thinking skills and strive for business growth and organizational development
* Valuable experience in orchestrating, managing and decoupling of LEGACY APPLICATIONS INTO MICRO-SERVICE APPLICATIONS using highly available KUBERNETES CLUSTERS
* Dependable individual with good knowledge of patch management, configuration management and upgrades by following specified guidelines and best practice
* Excellent written and verbal communication skills

**TECHNICAL SKILLS**

* **Cloud Technology**: Amazon Web Services
* **SCM**: Bitbucket, GitHub, Gitlab
* **Infrastructure** **As a Code**: Terraform
* **AWS**: IAM, EC2, VPC, EBS, S3, ELB, Auto Scaling, Route53, CloudWatch, AWS Lambda, DynamoDB, RDS
* **Automation Tools**: Ansible, Jenkins
* **Operating Systems**: Linux (RHEL7,8, UBUNTU), Windows Server 2008/2012/2016
* **Scripting** **Tools**: Java, Groovy, Bash, Json, Ymal, Python
* **Monitoring**: New relic, Prometheus & Grafana, Elasticsearch, File beat, Kibana, CloudWatch
* **Containerization** **Tools**: Docker, Docker Compose, Docker swarm, EKS, ECS, Kubernetes
* **Code Quality**: SonarQube, Jacoco, Sonar Cloud
* **Artifactory Tools:** Nexus
* **Ticketing**: Jira, Confluence

**RELEVANT WORK EXPERIENCE**

**DevOps Engineer 2017 — Present**

**DOMINION SYSTEMS INC. ONTARIO, CANADA**

* Properly managed, improved, and monitored cloud infrastructure on AWS including backups, patching, and scaling.
* Created systems analysis and log management using EFK and monitor system and infrastructure performance issues using Prometheus and Grafana.
* Worked independently and side by side with the technical and development team to onboard projects and manage a fully automated CI/CD pipeline for code deployment using Jenkins Master-Slave architecture to manage distributed builds, adding the necessary plugins to support capability and agility
* Integrated Jenkins with Maven as a plugin through global tool configuration for code Compilation, Validation, Testing and Packaging to create a JAR WAR or EAR Application.
* Implemented continuous code quality and Code Security checks by integrating Jenkins with SonarQube to check for bugs, code smells, vulnerabilities and duplicated lines.
* Integrated Jenkins with Nexus Artifactory to ensured uploads of packaged artifacts to the Artifactory for back up and serves as a disaster recovery agent.
* Built and deployed Docker containers to decouple monolithic applications into microservices, improving developer workflow and optimizing speed.
* Managed and configured a self-managed Kubernetes Cluster using Kubeadm and deployed managed control plane EKS Kubernetes Cluster on AWS using IaC (Terraform).
* Handled Production in Kubernetes using different deployment strategies (Rolling Update, Blue-Green and Canary) to encourage roll back and roll out of versions and avoid application outage and down time.
* Managed internal and external communications within the Kubernetes cluster using service discovery (Cluster IP Service, Node Port Service and Load balancer Service)
* Managed Stateful set applications using a distributed Network file system, Persistent Volume and Persistent Volume claim for data consistency also managed confidential data using Secrets to enhance tight security.
* Managed resource utilization in the cluster using resource Quota and used Cluster Auto Scaler and Horizontal Pod Auto scaler to scale out and cool down Nodes and Pods in the Cluster.
* Deployed Custom applications and third-party applications using HELM as a package manager
* Decoupled several Legacy applications into Microservice applications and deployed them with path-based routing of traffic using Nginix-Ingress LB service which solves the problem of time, scalability, total breakdown of Monolithic application.
* Helped clients reduce downtime and efficient resource optimization using application performance monitoring, data analytics and log management tools like Prometheus and Grafana, Elasticsearch File beat and Kibana
* Managed DNS servers and A-record creation using Route 53 on AWS and point it to an elastic load balancer to communicate with multiple applications in the cluster running in the backend.
* Created IAM Roles and Role binding for team member on AWS to assign roles and access to specific resources/namespace in order to enhance a strong security.
* Managed Ansible as an agentless configuration tool to make configuration changes across multiple servers to save time and avoid human error

**Build and Release Engineer 2016 — 2017**

**DOMINION SYSTEMS INC. ONTARIO, CANADA**

* Managed GIT as a Distributed Version control system and GitHub as a Source code Manager.
* Collaborate with team members as part of onboarding a new project to define and execute strategies and resources to be allocated to a particular project.
* Onboarded new projects by creating repositories, branches, tags and provided least access permissions to developers on various branches not forgetting to point out best practices and processes.
* Implemented a continuous, build process that manages codes, identifies build errors and notifies appropriate parties to expedite/facilitate synchronization to the latest build.
* Displayed excellent ability to work in a diverse team environment by showing respect, integrity and cultural awareness in order to avoid misunderstanding and facilitate growth among co-workers and clients.
* Manage Presentation and follow up with client to update them on the progress of their projects
* Strong ability to use Linux and Linux commands
* Integrated SonarQube with Jenkins for continuous inspection of code quality.
* Installed and managed Nexus as back-up Artifactory Repository.
* Created CI/CD pipelines, wrote and maintained pipeline scripts (Groovy), scheduled builds with script using CRONTAB

**EDUCATION**

**B.Sc. Computer Science. 2013**

OLABISI ONABANJO UNIVERSITY