

IDRIS LAWAL

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PROFESSIONAL SUMMARY

- Certified AWS engineer with 7+ years of combined experience in Cloud computing and DevOps.
- Experience building highly available and highly scalable cloud infrastructure using AWS compute, storage, network and security services like EC2, Autoscaling, ELB, Lambda, S3, EBS, VPC, Route 53, CloudFront, IAM and RDS.
- Experience in building and maintaining continuous integration and continuous delivery (CI/CD) pipelines using **Jenkins**.
- Experience with other DevOps tools like Maven, Selenium, Nagios, SonarQube, Nexus and JFrog artifactory.
- Experience in Linux OS with server distributions like RedHat, CentOS and Ubuntu in Dev, Test, Prod environments.
- Experience with SCM/version control tools like **Git**, GitHub, Bitbucket and Code-Commit.
- Experience in configuration management using **Ansible** and resources provisioning using **Terraform**, CloudFormation and CDK.
- Experience in application containerization using **docker** and container security using the defense in depth strategy.
- Experience in container orchestration using **Kubernetes** and Rancher to manage microservice based applications.
- Experience in deploying code to server-side technologies like Apache, Nginx, Tomcat and WebLogic.
- Strong understanding of cloud service models like IAAS, PAAS and SAAS.
- Strong understanding of software development lifecycles (SDLC) methodologies like agile/scrum and waterfall.
- Knowledge of scripting languages such as Bash Shell, Groovy, JSON, YAML and basic Python programming.
- Resourceful, efficient, detail oriented and communicative individual passionate about cloud technology and able to deliver results within specified constraints.

WORK EXPERIENCE

Tata Consulting Services, New Jersey

AWS DevOps Engineer

Oct 2021 – Present

- Provision and managed AWS public cloud resources including EC2, S3, SFTP, IAM, VPC, KMS, ELB, EBS, security group via Console, Cloud Formation, **Terraform** and CDK.
- Setup CI/CD pipelines in **Jenkins** using various plugins to automate the release cycle – build, test and deploy.
- Wrote Dockerfiles and built **docker** images for running containerized instance of applications. Pushed images to remote repository like **Docker** Hub and ECR and scanned images using Prisma Cloud.
- Create S3 buckets, wrote bucket policies and setup replication rules for cross account data transfers.
- Create identity and resource based policies including permission boundaries to allow/deny access using the principle of least privilege.
- Research new tools/technology and develop proof of concept use cases to evaluate implementation possibilities.
- Deploy and manage **Kubernetes** workload on rancher using custom values.yaml file in helm chart.

- Setup datadog integration to monitor **Kubernetes** control plane components and other services. Create dashboards for tracking key metrics.
- Setup Github and bitbucket code repos with appropriate branch protection rules as per project requirements and also setup webhooks triggers.
- Applied regex for filtering noisy logs at source before flowing into datadog which reduced indexing cost by 73%.
- Worked with development teams to setup application connectivity to databases like amazon RDS, DynamoDB.
- Perform other activities like server patching, troubleshooting deployment issues and collaboration with development team.

Benjamin Moore, New Jersey

Cloud DevOps Engineer

Jun 2018 – Oct 2021

- Built and maintained fully automated CI/CD pipeline in **Jenkins** and configured integration with GitHub using Webhook.
- Provisioned and managed AWS cloud resources; EC2, S3, IAM, AMI, EBS, VPC and load balancer.
- Wrote **Ansible** Playbooks and Roles to perform various configuration management tasks including installation of Apache, Nginx, and Tomcat Web Servers. Managed the **ansible** inventory file.
- Set-up a **git** workflow to manage the release of new software features on a particular day of every month. Resolved merge conflicts between branches using diff merge tool.
- Authored **docker** files, built and scanned **docker** images used to run **docker** containers for different microservices.
- Deployed secure **docker** containers and utilized **Kubernetes** for **docker** container orchestration.
- Installed and configure **Jenkins** master and connect to multiple agentless slave nodes via SSH.
- Create a maven clean, compile, test, package and install project to generate .JAR artifacts from source code. Specified maven coordinates (groupId, artifactID & version), and check for dependencies and plugins in the POM file.
- Tracked **Jenkins** pipeline build jobs using slack and manage release cycles using Jira.

Cloud Engineer

Feb 2016 – May 2018

- Designed a 3-tier web application by creating a VPC with public and private subnets hosting EC2 instances and RDS database instances across multiple availability zones. Configured security groups, network access control list NACL, internet gateway IGW, network address translation NAT gateway and route tables to allow and deny traffic using principle of least privilege.
- Set up VPC peering to connect VPC's together and VPC endpoint to connect VPC to AWS services like S3.
- Created cloud formation template to replicate current architecture in a different region for disaster recovery.
- Managed and hosted static website in S3 bucket and mapped the bucket endpoint to the domain name server (DNS) using amazon Route53 and CloudFront service.
- Wrote shell scripts for automating the installation and updating of software packages on EC2 instances.
- Created users, roles and groups, managed CLI and programmatic access and updated access policies using IAM.

- Monitored cloud resource performance using CloudWatch and track user activities using CloudTrail.
- Created launch configuration using custom AMI, scaling policies and cloud watch alarms for setting up Autoscaling groups.
- Created S3 buckets and managed bucket access control policies (ACL). Implemented lifecycle policies to transfer data from standard storage to S3 infrequent access and finally to S3 Glacier as per business requirement.
- Create GitHub repositories to manage codes and other documentation while maintaining workflow branches.
- Configure SQS and created SNS alert topics.

Consolidated Edison, New York

Systems Designer/Engineer

Jun 2013 – Feb 2016

- Acted as subject matter expert in specifying functional requirements for the implementation of cloud-based request tracking application.
- Participated in the planning and migration of on-premises file storage system to the cloud.
- Monitored computing resource utilization and review log files to identify bottlenecks in operation.
- Perform user acceptance test (UAT) on various applications before rolling out to the end users.
- Setup and configure network TCP/IP on Linux servers.
- Managed users, groups, and their respective access to various applications.

EDUCATION:

- Master of Science, City College of New York, NY
- Bachelor of Science, University of Ilorin, Nigeria

CERTIFICATION:

- Amazon Web Service Solutions Architect – Associate

TECHNICAL SKILLS:

AWS Cloud	DevOps	Others
EC2, ELB, Autoscaling, Lambda S3, Glacier, EBS, EFS, KMS, VPC, Subnets, NAT, Route53 RDS, DynamoDB, MySQL CloudFormation, CLI, WAF IAM, CloudWatch, CloudTrail ECS, ECR, EKS, Code Pipeline	Git , GitHub, Bitbucket Jenkins Maven, Datadog, Prisma Cloud Ansible , Terraform , CDK Docker , Kubernetes , Helm, Rancher SonarQube, Selenium, Nagios Nexus, J-frog, Artifactory	JSON, YAML, HTML, XML Bash, Groovy, Basic Python Apache, Tomcat, Nginx, WebLogic Putty, Vs-code, Cloud 9 Codespaces Jira, Slack, MS Office IAAS, PAAS, SAAS

Idris Lawal

- South Plainfield, NJ, US

Contact Information

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Work History

Total Work Experience: 10 years

- **Devops Engineer**
Jun 01, 2018 Moore, New Jersey
- **Cloud Engineer**
Feb 01, 2016
- **Systems Designer/Engineer Consolidated**
Jun 01, 2013 Edison, New York

Skills

- **amazon web services** - 6 years
- **linux** - 6 years
- **docker** - 5 years
- **git** - 5 years
- **jenkins** - 5 years
- **kubernetes** - 5 years
- **terraform** - 5 years
- **nexus** - 4 years
- **helm** - 3 years

Work Preferences

- Likely to Switch: False
- Willing to Relocate: False
- Travel Preference: 25%
- Work Authorization:
 - US
- Work Documents:
 - US Citizen
- Desired Hourly Rate: 75+ (USD)
- Desired Salary: 150,000+ (USD)
- Security Clearance: False
- Third Party: False
- Employment Type:
 - Full-time
 - Contract - Corp-to-Corp
 - Contract - Independent
 - Contract - W2
 - Contract to Hire - Corp-to-Corp
 - Contract to Hire - Independent
 - Contract to Hire - W2

Profile Sources

- Dice:
<https://www.dice.com/employer/talent/profile/17d7edf83b42152632c7037ef28bc1b9>