

Adewale Oyedele

DevOps Engineer / Dallas, Texas 75243

903-948-0825 / adewaloyedel@gmail.com / <https://www.linkedin.com/in/adewale-oyedele/> / <https://github.com/unhalobg>

Professional Summary

Experienced DevOps Engineer with over five years of expertise in architecting, automating, and securing cloud environments. Proficient in AWS Cloud services, Microsoft Azure, Infrastructure as Code (IaC), and CI/CD pipelines, with a strong focus on enhancing software delivery and operational efficiency. Adept at working closely with cross-functional teams to automate deployments, manage Kubernetes environments, and troubleshoot production issues. Committed to leveraging the latest cloud technologies to build scalable, reliable, and efficient systems that drive business and technical goals.

Technical Skills

Language & Scripting: Java, Python, C++, TypeScript, JavaScript, SQL, Bash, Shell, YAML, JSON

Containerization & Orchestration: Docker, Kubernetes, AWS ECS, AWS EKS, AWS ECR, Fargate

Cloud Platforms & Services: AWS (VPC, IAM, EC2, S3, Lambda, RDS, WAF, NACL, ALB), Azure App Services

Infrastructure as Code (IaC): Terraform, AWS CDK, CloudFormation, Ansible, Azure Resource Manager (ARM)

CI/CD Tools: Git, GitHub, Jenkins, GitHub Actions, AWS CodePipeline, Maven, ArgoCD, Helm

Monitoring & Logging: AWS CloudWatch, CloudTrail, Splunk, Prometheus, Grafana, ELK Stack, Azure Monitor

Operating Systems: Amazon Linux, Windows Server, CentOS, Ubuntu, Red Hat Enterprise Linux

Networking: HTTPD, DNS, TCP/IP, DHCP, SSH, FTP

Experience

DevOps Engineer

Mar. 2021 – Current

General Motors

Arlington, Texas

- **Automated Infrastructure and Application Deployments:** Utilized Terraform and Ansible to automate infrastructure as code (IaC), resulting in a 35% reduction in deployment times and improved operational efficiency.
- **CI/CD Pipeline management:** Optimized development pipelines using GitHub, Jenkins, and AWS CodePipeline, achieving a 25% improvement in deployment efficiency and a 20% reduction in errors.
- **Kubernetes Management:** Configured and maintained Kubernetes clusters for deploying containerized applications across multiple nodes, ensuring high availability and scalability.
- **Cloud Architecture & Microservices:** Played a key role in migrating on-premises applications to AWS, adopting microservices and serverless architecture, which reduced operational costs by 50%.
- **Incident Management:** Integrated third party services such as Slack and PagerDuty with existing applications for better incident management capabilities, achieving a 95% reduction in issue resolution time.
- **Documentation & Onboarding:** Developed and maintained comprehensive documentation for on-call procedures and internal customer onboarding.
- **Infrastructure Monitoring:** Implemented monitoring tools such as Prometheus, Grafana, ELK Stack to monitor the health of systems.
- **Scripting Automation:** Employed Python for developing Lambda functions aimed at automating security, compliance, and remediation tasks, which contributes to a 40% reduction in manual workload across the enterprise.
- **Azure Cloud Solutions:** Transitioned classic workloads to Azure Resource Manager-based environments by developing automation solutions with PowerShell script and JSON templates, significantly improving efficiency and manageability of cloud resources.
- **Azure Services Management:** Configured and managed various Azure services, including VMs, Azure SQL Databases, Azure Storage, and Azure Networking components, ensuring optimal resource utilization and performance across projects.

AWS Cloud Solutions Architect

Jan. 2018 - Jan. 2021

Jelani Consulting LLC

Austin, Texas

- **High Availability Architectures:** Designed and implemented multi-region, high-availability architectures using AWS VPC and Transit Gateways, ensuring resilient and secure network infrastructures.
- **Security & Compliance Automation:** Automated security compliance tasks using Python and AWS lambda, integrating with AWS Config and AWS CloudTrail to ensure continuous compliance monitoring and a 40% reduction in manual security management efforts.
- **AWS Solutions Deployment:** Supported project teams during the implementation phase, providing troubleshooting assistance and overseeing deployment of AWS solutions to meet client requirements and industry standards.
- **IAM & Policy management:** Implemented and managed security policies integrated with enterprise identity providers using SAML and OIDC to enable SSO capabilities, AWS IAM roles, policies, and permissions efficiently using automation and scripting, ensuring that each entity had minimum necessary permissions to perform its tasks, aligning with the principle of least privilege and enhancing security.
- **Serverless Architecture:** Developed serverless solutions with AWS Lambda, API Gateway, and DynamoDB, building scalable and cost-efficient event-driven computing and microservices-based applications.
- **Monitoring and Alerting:** Designed and implemented comprehensive monitoring and alerting solutions using Amazon CloudWatch, CloudTrail, AWS X-Ray, and third-party tools like Prometheus and Grafana, ensuring early detection of issues and maintaining high system availability.
- **Disaster Recovery planning:** Designed and implemented disaster recovery and business continuity plans using AWS S3 cross-region replication, Route 53, AWS RDS, CloudFormation.
- **Client Needs Assessment:** Engaged with clients to understand their business requirements and technology infrastructure goals, assessed their needs, and proposed suitable AWS cloud solutions to meet those needs while ensuring scalability, security, and cost-effectiveness.
- **Data Solutions:** Implemented data storage solutions using Amazon RDS, Aurora, DynamoDB, and Redshift to ensure high availability, consistency, and scalability. Leveraged AWS Data Pipeline and AWS Glue for data integration and ETL processes.
- **CI/CD Implementation:** Architected CI/CD pipelines with Jenkins, AWS CodePipeline, CodeBuild, CodeDeploy, and GitLab CI for automated testing and deployment of applications, facilitating rapid development cycles.
- **Infrastructure as Code (Iac):** Used AWS CloudFormation and Terraform to automate deployment of cloud resources, ensuring consistent and repeatable setups across environments.

Education

University of Texas at Arlington

Arlington, Texas

Bachelor of Science in Computer Science

2020 - 2023

Federal University of Agriculture, Abeokuta

Ogun State, Nigeria

Bachelor of Engineering in Electrical Electronics Engineering

2002 - 2007

Certifications

AWS Certified Solutions Architect Associate

Issued Dec 2022 - Expires Dec 2025

AWS Certified Developer Associate

In Progress