

Adeleke Adebowale Julius (M.Sc., B. Tech, Mini MBA)

Certified AWS DevOps Engineer | Certified Azure Admin | AWS Certified Solutions Architect – Associate | AWS Certified Developer - Associate
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PROFESSIONAL SUMMARY

Senior Cloud & DevOps Engineer with 11+ years of experience designing, automating, and optimizing cloud infrastructure and CI/CD pipelines. Strong expertise in AWS, Azure, Kubernetes, and Terraform. Known for effective problem-solving and leadership, with a focus on improving operational efficiency and system reliability. Seeking DevOps, Cloud or SRE opportunities.

TECHNICAL SKILLS

Cloud: AWS (EC2, VPC, S3, IAM, Route 53, CloudWatch, CloudFront, ECS, EKS) Azure (Azure DevOps, Azure Repos, Pipelines, Artifacts, AKS)

DevOps & CI/CD: Docker, Terraform, Git, GitHub Actions, Jenkins, Concourse

Containerization & Orchestration: Docker, Kubernetes (EKS, AKS), Helm, Kustomize, Karpenter, Rancher

Scripting & Automation: Python, Bash, Shell Scripting, YAML, Copilot/Gemini

Monitoring & Observability: Prometheus, Grafana, ELK, Node Exporter, CloudWatch.

Networking & Security: VPC, Security Groups, Route53, Auto Scaling, IAM, VPN, CDN

Languages: Python, Bash

Databases: MongoDB, SQL, RDS, DynamoDB

Tools: Git, GitHub, VS Code

Others: ITIL, Agile, SLAs, SLOs, Lambda, Video Encoders (Harmonic, Mediakind)

PROFESSIONAL EXPERIENCE

Senior Cloud DevOps Engineer | Sky, Milan, Italy

May 2023 – Present

- Built and configured secure, production-grade infrastructure on AWS using **Terraform**, **Docker**, **ECS** and **EC2** across multiple Availability Zones
- Led cloud infrastructure deployments across Italy, UK, and Germany, optimizing AWS and Azure resources for **20% cost reduction** while maintaining high availability.
- Built and automated CI/CD pipelines with **Azure DevOps** and **GitHub Actions**, improving deployment efficiency and enabling rollback/monitoring features.
- Automated Kubernetes deployments with **Helm**, **Kustomize** and **GitOps** workflows; managed EKS and AKS ensuring seamless staging and production operations.
- Configured and managed **DTH (Statmux)** and **OTT workflows** on **MK Aquila**, **Harmonic** using both **GUI-based tools** and **Umbrella/Git CRs**, with a deep understanding of **MediaKind**
- Configured and operated **VOS and Media Kind, Channel Operator**, with a solid understanding of its architecture and lifecycle within Kubernetes environments.
- Implemented centralized logging and monitoring with Prometheus, Grafana, and ELK Stack, providing **real-time performance insights and proactive alerts**
- Leveraged AI-assisted tools (Copilot) to optimize Python scripts and Terraform modules, reducing time to production by 15%.

Analyst Consultant (Site Reliability Engineer) | Capgemini S.P.A (Vodafone Project), Milan, Italy

October 2018 – April 2023

- Responsible for reliability and availability of large-scale **IoT** platforms (GDSP, IITC) running on AWS, supporting multi-region production environments
- Designed and operated **Kubernetes** platforms using **Terraform** and **Helm**, enabling automated provisioning, scaling, and standardized deployments
- Implemented monitoring, alerting, and observability using **Prometheus**, **Grafana**, and **ELK**, ensuring compliance with **SLAs, SLIs, and SLOs**
- Automated CI/CD pipelines and infrastructure deployments, improving release stability and reducing operational overhead
- Led technical onboarding programs for new hires, delivering hands-on training for company software tools and procedures
- Participated in **24/7 on-call rotations**, incident response, and root cause analysis, while mentoring team members on cloud-native and SRE best practices

Network Engineer | Vodafone (C/O ORA O), Milan, Italy

April 2018 – July 2018

- Provided operational support for Vodafone mobile networks, ensuring stability and performance of live **2G/3G** services.
- Troubleshoot network, connectivity, and configuration issues, including incident resolution during critical events
- Supported change management processes for live networks, including standard changes and emergency maintenance
- Monitored network performance and coordinated incident communications using established event management procedures.
- Maintained operational documentation and standard operating procedures.

Data Center Operations Engineer SBT | SoftLayer, Milan, Italy

November 2017 – Jan 2018

- Supported server provisioning and lifecycle management in IBM Cloud data centers.
- Installed and configured bare-metal servers and **RAID (0/1/5/6/10)**
- Responded to hardware, network, and system alerts, ensuring SLA compliance
- Followed strict security and access-control procedures in a 24/7 data center environment

Computer System Analyst | Funlek Limited, Lagos, Nigeria

March 2009 – Sept 2013

- Administered and optimized virtualized server environments to support enterprise applications.
- Automated operational tasks using **Bash** and **Python**, reducing manual effort and improving system reliability.
- Implemented backup, recovery, and patching processes to improve system availability and security.
- Supported system maintenance and performance optimization initiatives.

EDUCATION

International Business Management Institute Berlin, Germany.

November 2020

Mini MBA Diploma

Università degli Studi di Genova, Italy

March 2017

Master of Science, Multimedia Signal Processing & Telecommunication Networks

Ladoke Akintola University of Technology, Nigeria.

November 2008

Bachelor of Technology, Computer Engineering

CERTIFICATIONS

AWS Certified DevOps Engineer - Professional

April 2025

Microsoft Azure Certified Administrator

June 2025

AWS Certified Solutions Architect - Associate

July 2024

AWS Certified Developer - Associate

Dec 2024