

Oluwatosin Jegede

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Portfolio: <https://oluwatossin.github.io/portfolio/>

SKILLS SUMMARY

- **Cloud Services:** AWS (EKS, Lambda, S3, DynamoDB, AWS Amplify, Code Pipeline)
- **Security:** IAM, GuardDuty, AWS Security Hub
- **Containerization:** Kubernetes, AWS ECS
- **Infrastructure as Code:** Terraform, AWS CloudFormation
- **Automation:** Shell Scripts, Jenkins, Github Action, (CI/CD Pipelines), Python
- **Version Control:** Git
- **Operating Systems:** Linux
- HTML, CSS, and JavaScript

WORK EXPERIENCE

Sovereign Technology & Innovation Limited

Aug 2024 – Present

DevOps Engineer

- Architect and maintain CI/CD pipelines using AWS CodePipeline, CodeBuild, CodeDeploy, and GitHub Actions to automate deployments with minimal downtime.
- Manage IAM policies for secure access control, ensuring least privilege and compliance best practices.
- Implement and monitor AWS WAF, Sophos Intercept X, and Sophos XDR for endpoint protection, threat detection, and response.
- Utilize AWS CloudWatch, Prometheus, and Grafana for system observability, real-time monitoring, and performance optimization.
- Apply "Policy as Code" and best practices to enhance infrastructure governance, security, and efficiency.

Help.NGO

Dec 2023 – Present

DevOps Engineer (Remote)

- Automated infrastructure deployment using Terraform, enhancing deployment efficiency by 35%.
- Integrated cloud infrastructure for TAK software, ensuring seamless geospatial data sharing and tracking.
- Managed and deployed updates with a focus on stability, improving system uptime by 25%.
- Collaborated with cross-functional teams to optimize the software suite's performance and reliability.
- Documented infrastructure and deployment processes, facilitating knowledge transfer and future scalability.

DevOps Engineer (Freelance)

May 2021 – Present

- Developed and deployed a machine learning model using AWS SageMaker and Jupyter Notebook, with automated deployment processes through AWS CloudFormation and GitHub Actions. Hosted on AWS EC2 and utilized AWS S3 for scalable storage, implementing robust monitoring using Prometheus and Grafana, and conducting security audits with AWS Security Hub. Improved deployment efficiency by 40%, enhanced monitoring capabilities, and ensured compliance with security standards.
- Set up a CI/CD pipeline for a Node.js application using Jenkins, integrated with GitHub for version control and AWS S3 for artifact management, automating build, test, and deployment processes. Streamlined operations and improved deployment efficiency by 35%.

CERTIFICATIONS

- **Cisco Ethical Hacker** | July 2024
- **Cisco Network Technician** | Jan 2024
- **AWS Certified Security – Specialty** | Sep 2023
- **AWS Certified Developer – Associate** | Jul 2023
- **Cisco Certified CyberOps Associate** | Dec 2023
- **AWS Solutions Architect – Associate** | Nov 2022

EDUCATION

MSc in Animal Biotechnology, Federal University of Agriculture, Abeokuta | Nov 2019

BTech in Animal Production and Health, Federal University of Technology, Akure | Nov 2012

Diploma in Computer Engineering Datashield Computer Institute | Jun 2024