

# 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

- Help.NGO**  
**DevOps Engineer**

**Dec 2023 – Present**

  - 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.
  - Implemented an **AWS Config and Lambda-based system for real-time compliance monitoring** using EC2, IAM policies, S3, Python, and CloudWatch. Improved compliance monitoring efficiency by 30%.
  - 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%.
- Rontos Group of Schools**  
**System Administrator**

**Sep 2022 - June 2024**

  - Spearheaded IT infrastructure deployment and maintenance, achieving a 25% increase in system efficiency and user satisfaction.
  - Managed user accounts and access controls, installed and configured software applications for educational use.
  - Performed regular backups and data recovery procedures, troubleshooting hardware and software issues.

## 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