Amanyi Daniel Sunday

DevOps Engineer | AWS | Automation | Infrastructure as Code (IaC) | Kubernetes
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Professional Summary

DevOps Engineer with expertise in AWS, Infrastructure as Code (IaC), and CI/CD pipelines. Proven track record of leading cloud infrastructure migrations, implementing cost-saving solutions, and optimizing high-availability, scalable cloud environments. Passionate about driving innovation through automation, mentoring teams, and developing cutting-edge cloud architectures. Strong collaborator in international and cross-functional teams, with a focus on security, performance optimization, and cost efficiency.

Skills

- Cloud Platforms: AWS (EC2, Lambda, S3, IAM, CloudFormation, VPC, Auto Scaling, CloudFront)
- DevOps Tools: Terraform, Docker, CI/CD (Jenkins, AWS CodePipeline, Git)
- Scripting: Python, Bash
- Architecture: Microservices, Event-Driven, Serverless
- Security & Compliance: IAM Best Practices, AWS Security Frameworks, Encryption
- Leadership & Collaboration: Team Mentorship, Cross-Team Collaboration, Process Automation

Certifications

- Certified Terraform Associate – Feb 2024
- AWS Certified SysOps Admin (CSOA) – Jan 2024
- AWS Certified Solutions Architect – Associate (SAA) – May 2023
- AWS Certified Developer – Associate (AWS DVA) – July 2023
- AWS Certified Cloud Practitioner – Mar 2023
- CompTIA Network+ – Mar 2017

Experience
DevOps Engineer
Capshall Technologies, UK | May 2024 – Present (Remote)

- Led the migration of a monolithic e-commerce application to an AI/ML event-driven infrastructure, reducing costs by 75%.
- Automated Infrastructure as Code (IaC) with Terraform, accelerating deployments by 300% and cutting testing costs by 20%.
- Designed and implemented a multi-tiered serverless receipt management system, improving scalability and performance.
- Developed secure API integrations and ensured backend system resilience through robust infrastructure automation.
- Built and managed data validation and curation pipelines for AI/ML applications, enhancing data accuracy and efficiency.

Cloud/DevOps Engineer
Cloudboosta, UK | Oct 2022 – Present (Remote)

- Engineered IaC solutions for a three-tier MAN stack application and restructured AWS accounts for optimized cost efficiency.
- Migrated a monolithic on-premises product to AWS using event-driven architecture, cutting infrastructure costs by 42%.
- Deployed and maintained high-availability applications with AWS ECS, Docker, and CloudFormation.
- Established automated CI/CD pipelines, reducing deployment failures and enhancing software delivery speed.

Freelance Cloud Operations Engineer
Urban Cloudworks | Jun 2020 – Oct 2022

- Managed patching, infrastructure scaling, and cloud migrations with zero downtime.
- Decoupled and transformed a monolithic application into a resilient 3-tier cloud architecture.
- Centralized AWS account management with AWS Organizations, reducing operational costs and improving governance.
- Led the migration and synchronization of on-prem resources to AWS, ensuring a seamless transition.
- Deployed scalable LAMP/MERN stack applications, optimizing backend performance.

Education

- BSc, Computer Science – Crawford University, 2024 (CGPA: 4.3/5.0)
- CS50x – Harvard University, 2023
- HND, Computer Science – Nuhu Bamalli Polytechnic, NG, 2011
- National Diploma, Computer Science – Nuhu Bamalli Polytechnic, NG, 2007

Publications & Contributions

- Contributor to open-source DevOps projects related to AWS infrastructure automation.
- DevOps writer, Medium.com
- Published technical articles on cloud security, cost optimization, and Terraform best practices.
- Speaker at cloud engineering meetups, sharing insights on automation and DevOps best practices.

Community & Leadership

- Mentored junior engineers in DevOps best practices and cloud.
- Led cross-functional teams across international projects, implementing cloud-first strategies for startups and enterprises.
- Engaged in AWS communities, providing insights on best practices for cost-effective and secure cloud infrastructure.