ODO KINGSLEY UCHENNA

CLOUD & DEVOPS ENGINEER
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PROFESSIONAL SUMMARY

Cloud and DevOps Engineer with a few years of experience delivering automated, secure infrastructure on AWS and Azure. Led the creation of an Azure Container Registry cleanup pipeline that cut manual maintenance time and built a GitHub Actions CI/CD workflow that reduced Drupal deployment from hours to under three minutes. Skilled in Terraform, Ansible, Docker, Kubernetes, and monitoring solutions such as Prometheus and ELK. Seeking to apply DevOps expertise to accelerate delivery and reliability for modern cloud-native applications.

TECHNICAL SKILLS

- **Cloud Platforms**: AWS (EC2, Amazon ECS Fargate, EKS, VPC, Amazon S3, IAM, Amazon RDS, DynamoDB, Application Load Balancer, Auto Scaling), Azure (Azure Container Registry, Azure Application Insights, Azure Log Analytics, Azure App Service)
- **Infrastructure as Code & Automation**: Terraform, Ansible, Bicep, Bash, Python
- **Containers & Orchestration**: Docker, Kubernetes, Amazon ECS Fargate
- **CI/CD & Version Control**: GitHub Actions, Azure DevOps, GitLab CI, Git, GitHub
- **Monitoring & Logging**: Prometheus, Grafana, ELK Stack (Elasticsearch, Logstash, Kibana)-, Filebeat, Amazon CloudWatch
- **Operating Systems & Networking**: Linux (Ubuntu, CentOS), DNS, HTTP/HTTPS, Nginx, Apache, VPC Design, Security Groups
- **Databases**: MySQL, Amazon RDS, PostgreSQL, MongoDB Atlas, DynamoDB

PROFESSIONAL EXPERIENCE

Preferred Digital Business Solutions — Aug 2026 - Present

DevOps Engineer

- Developed an Azure Container Registry cleanup pipeline that removes images older than 30 days while retaining the 10 most recent images for rollback and recovery, reducing manual registry maintenance.
- Supported the implementation and maintenance of CI/CD pipelines for Android and iOS mobile application delivery using Azure DevOps, helping maintain consistent release workflows
- Resolved deployment pipeline issues by correcting branch configurations and deployment triggers, improving release reliability.
- Reviewed Azure DevOps permissions across organization, project, and resource levels to strengthen access governance and identify unnecessary access
- Managed user access controls to ensure compliance with role-based access control (RBAC) requirements.
- Documented CI/CD workflows and onboarding procedures to support operational continuity.
- Monitored application health and resolved system issues using Azure Application Insights and Azure Log Analytics, helping maintain reliable application performance
- Contributed to the review of Bicep templates supporting Azure infrastructure deployments and role assignment management.
- Created a centralized access-tracking system covering user permissions and onboarding activities, improving access visibility across teams.
- Monitored deployment pipelines in Azure DevOps and resolved operational issues, helping maintain reliable application delivery

Bincom Dev Center — May 2026 - Aug 2026

Cloud & DevOps Engineer Apprentice

- Eliminated the risk of exposed server credentials by configuring AWS Systems Manager (SSM) for administration with no open SSH ports.

- Reduced Drupal deployment times from hours to under three minutes by designing a GitHub Actions CI/CD pipeline using OIDC authentication.
- Standardized infrastructure configuration through Ansible playbooks, reducing manual setup effort across environments.
- Reduced server setup time from several hours to less than two minutes through Docker Compose and Ansible-based provisioning.
- Configured Amazon EFS shared storage to prevent asset inconsistency across multiple application servers.
- Secured backend databases by deploying Amazon RDS instances in private subnets and restricting access through security groups.
- Reduced troubleshooting time by centralizing application and system logs through an ELK stack connected through secure SSM tunnels.
- Supported AWS production environments by provisioning infrastructure with Bash and VPC design, automating deployments, monitoring services with Grafana, and resolving incidents to support stable application operations

Self-Employed — Aug 2025 - Jan 2026

Cloud & Systems Engineer (Freelance)

- Deployed SSL/TLS certificates for commercial websites and web applications using Nginx, securing application traffic and website access
- Configured Application Load Balancers to improve traffic distribution and availability.
- Integrated Paystack payment services into customer-facing web platforms, enabling customers to complete online payments
- Supported the hosting, deployment, and maintenance of cloud-based applications using Docker, GitHub, Nginx, Filebeat, DNS, and MySQL, helping maintain application availability and monitoring

PROJECTS

Enterprise Drupal 11 AWS Production Deployment

- Technologies: Terraform, Ansible, AWS Systems Manager, Docker, Kubernetes, GitHub Actions, Prometheus, Grafana, ELK Stack
- Established secure server administration through AWS Systems Manager.
- Designed a multi-stage GitHub Actions deployment pipeline using OIDC authentication.
- Configured Amazon EFS shared storage for distributed application environments.
- Secured Amazon RDS databases within private subnets.
- Established monitoring and log analysis capabilities using Prometheus, Grafana, and ELK.

Production Grade Infrastructure as Code

- Built AWS infrastructure across multiple availability zones using Terraform.
- Configured remote Terraform state management using Amazon S3 and DynamoDB state locking.
- Applied network security controls including Bastion Hosts, least-privilege access, and IMDSv2.

Automated CI/CD Pipeline for AWS ECS Fargate

- Created deployment workflows using GitHub Actions.
- Eliminated long-term AWS credentials through OIDC authentication.
- Containerized applications with Docker and deployed workloads on Amazon ECS Fargate.

EDUCATION

AltSchool Africa — Jul 2026

Diploma, Cloud Engineering

- **Coursework:** Cloud architecture and infrastructure design, Infrastructure automation and deployment practices, Linux administration and system operations, Cloud networking and security fundamentals
- Credential Ref: ZgGwNRpy0bafmhKhx2

DecodeLabs — 2026

Cloud Computing Internship

CERTIFICATIONS

IT Infrastructure & DevOps Program: Bincom Academy **Jun 2026**
Certificate No: BA/2026/INFRA/0007
- Continuous integration and continuous delivery (CI/CD)
- Infrastructure and environment management
- Deployment automation and release processes
- Linux systems and DevOps operations

Cloud and DevOps with AI Bootcamp: ExLearn Technologies **Sep 2026**
Credential ID: CDB00011295
- Managed cloud infrastructure across modern cloud environments
- Built and maintained CI/CD pipelines for application delivery
- Worked with containerized workloads and deployment automation
- Applied modern DevOps practices for software delivery and operations

Front-End Software Engineering Certificate: Skyscanner Forage **2026**

AWARDS & ACHIEVEMENTS

- **Best Graduating Learner Award:**AltSchool Africa | July 2026
  Conferred by the President & CEO for achieving the highest overall academic score in the Karatu Class of 2026 within the School of Engineering (Cloud Engineering track).
- **Best Learner Award:**AltSchool Africa | July 2026
  Awarded in recognition of outstanding academic performance and technical excellence throughout the Cloud Engineering program.
- **Perfect Academic Evaluation Score:**Maintained a perfect 100/100 score across all second and third semester Cloud Engineering evaluations at AltSchool Africa.