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PROFESSIONAL SUMMARY

DevOps Engineer with 1+ years of experience in AWS cloud operations, CI/CD automation, and infrastructure management. Expertise in containerized deployments using Kubernetes and Docker, infrastructure-as-code with Terraform, and building automated pipelines with Jenkins and GitHub Actions. Proven track record of reducing deployment times by 50% and improving system uptime to 99.5%. Strong background in monitoring solutions, security best practices, and delivering reliable, scalable cloud-native solutions.

WORK EXPERIENCE

DevOps Engineer (Freelance)

gesturehq.com | November 2025 – Present

- Executed complete infrastructure migration from Linode to AWS for AI-powered Django application utilizing YOLO for nail detection and Stability AI for image generation
- Designed scalable AWS infrastructure including EC2, RDS (PostgreSQL), S3, VPC networking with security groups and IAM policies
- Configured Celery with Redis for asynchronous ML model operations and API integrations
- Integrated Django REST Framework with SimpleJWT authentication and Paystack payment processing
- Implemented CloudWatch monitoring for application performance tracking and proactive issue detection
- Established CI/CD pipelines for automated testing and deployment, reducing manual deployment time by 70%
- Optimized PostgreSQL database performance and implemented backup strategies, achieving 99.9% uptime
- **Impact: Delivered zero-downtime migration, improved response time by 60%, supporting 1000+ active users**

Junior DevOps Engineer (Contract)

Artificial Intelligence Technology (AITECH), Abuja | October 2024 – April 2025

- Engineered AWS cloud infrastructure (EC2, EKS, VPC) supporting multi-component applications across dev, staging, and production
- Developed CI/CD pipelines using Jenkins and GitHub Actions with automated testing, security scanning, and deployments

- Implemented monitoring using CloudWatch, Prometheus, and Grafana for real-time metrics and alerting
- Automated operational workflows through Python and Bash scripting, reducing manual intervention by 40%
- Provisioned infrastructure-as-code using Terraform for reproducible environment deployments
- Performed Linux system administration including performance tuning, security hardening, and troubleshooting
- **Impact: Reduced deployment time by 50%, achieved 99.5% uptime, improved incident response by 35%**

Web Development Intern

NIIT Nigeria | January 2023 – June 2023

- Developed responsive web applications using HTML, CSS, and Python frameworks
- Collaborated with cross-functional teams to implement web components and features
- Managed version control using Git and GitHub, participating in code reviews
- **Impact: Contributed to 7+ web projects with comprehensive technical documentation**

RELEVANT PROJECTS

Enterprise Container Platform Migration

Environment: Kubernetes (EKS), Docker, Helm, Terraform, Jenkins, Prometheus, Grafana, AWS CloudWatch

- Architected migration of legacy Java applications to containerized AWS EKS environment
- Designed end-to-end CI/CD pipelines using Jenkins for automated build, test, and deployment
- Developed standardized Helm charts for consistent deployment across multiple environments and regions
- Established observability stack with Prometheus, Grafana, and CloudWatch for monitoring and alerting
- Implemented Kubernetes resource management, autoscaling, and rolling deployment strategies
- **Impact: Improved deployment frequency by 60%, reduced downtime by 35%, achieved 99.7% uptime, decreased infrastructure costs by 25%**

Multi-Region Application Deployment & Monitoring Infrastructure

Environment: AWS (EC2, CloudWatch, ELB, RDS), Jenkins, SQL, Linux, Bash, Python

- Engineered automated deployment pipeline using Jenkins with multi-stage workflows for geographically distributed environments
- Designed comprehensive monitoring solution using CloudWatch with custom metrics and

automated alerting

- Developed Python and Bash automation scripts for release staging, configuration management, and database updates
- Configured Application Load Balancers with health checks and SSL/TLS termination for high-availability architecture
- Implemented disaster recovery procedures including automated backups and rollback procedures
- **Impact: Reduced deployment time by 50%, improved uptime to 99.5%, decreased MTTR by 45%, enabled 24/7 availability**

EDUCATION

Master of Information Technology Security – Cybersecurity Governance

Ontario Tech University | 2026 – Present

Bachelor of Science, Software Engineering

Baze University, Abuja

SKILLS

Cloud Platforms: AWS (EC2, EKS, S3, VPC, IAM, RDS, Lambda, CloudWatch, ELB), Azure (AKS, Fundamentals)

Containerization & Orchestration: Docker, Kubernetes, Helm, Container Registry Management

Infrastructure as Code: Terraform, Ansible

CI/CD & Automation: Jenkins, GitHub Actions, ArgoCD, Groovy Scripting

Monitoring & Observability: Prometheus, Grafana, CloudWatch, Log Analysis, Alerting Systems

Programming & Scripting: Python, Bash, SQL

Operating Systems: Linux (Ubuntu, RHEL) Administration, Performance Tuning, Security Hardening

Version Control: Git, GitHub, GitLab

Databases: PostgreSQL, MySQL, MongoDB

Networking: TCP/IP, Load Balancing, VPN, Network Troubleshooting

Web Technologies: Django, Django REST Framework, Celery, Redis, Tomcat

Methodologies: Agile, Continuous Integration/Continuous Delivery (CI/CD), DevOps Best Practices

CERTIFICATIONS & TRAINING

- AWS Solutions Architect (in progress)
- Kubernetes Fundamentals Training
- NIIT Programming in Python