

# Gabriel Omokaro

DevOps & Cloud Engineer

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## ABOUT

Highly effective DevOps and Cloud Engineer with over 1 year of hands-on experience in designing, implementing, and maintaining scalable, highly available cloud infrastructure. Expert in automation, CI/CD pipelines, and Infrastructure as Code (IaC), consistently delivering solutions that achieve critical infrastructure availability up to 99.9% and optimize cloud spending by 40%. Proven ability to reduce deployment times by 70% across multiple projects, driving efficiency and robust system performance.

## WORK EXPERIENCE

### EKS Microservices Engineer (Project-Based) | AltSchool Africa

Jan 2024 - Jan 2025, Remote, Lagos, Nigeria

Led the deployment and orchestration of a scalable microservices architecture on Amazon EKS, significantly enhancing system resilience and automating deployments.

- Architected and deployed a robust microservices infrastructure on Amazon EKS, ensuring high availability and scalability for critical applications.
- Implemented comprehensive Kubernetes orchestration using Helm charts, standardizing deployments and enhancing environment consistency.
- Engineered and configured CI/CD pipelines with GitHub Actions, automating software delivery and reducing deployment times by 70%.
- Contributed to achieving 99.9% critical infrastructure availability through proactive monitoring and resilient system design within the EKS environment.

### Cloud Infrastructure Engineer (Project-Based) | AltSchool Africa

Jan 2024 - Jan 2025, Remote, Lagos, Nigeria

Implemented robust Infrastructure as Code solutions using Terraform, automating cloud resource provisioning and optimizing spending by 40%.

- Developed and implemented Infrastructure as Code (IaC) solutions using Terraform, automating provisioning and management of cloud resources for enhanced consistency and scalability.
- Optimized cloud resource utilization through IaC practices, contributing to a 40% reduction in overall cloud spending.
- Ensured secure and compliant cloud environments by defining infrastructure configurations as code, minimizing manual errors and accelerating deployment cycles.

### S3 Solutions Engineer (Project-Based) | AltSchool Africa

Jan 2024 - Jan 2025, Remote, Lagos, Nigeria

Engineered secure and efficient S3 bucket solutions for static website hosting and data management, ensuring controlled access and high availability.

- Designed and deployed a public static website on Amazon S3, integrated with CloudFront for secure and accelerated content delivery globally.
- Implemented robust access control policies for private S3 buckets, granting specific get/put permissions to ensure data integrity and security.

- Configured advanced S3 bucket policies, enabling list-only access for designated users while preventing unauthorized deletion of critical data.
- Managed and optimized S3 storage solutions, contributing to efficient data management and cost-effective cloud resource utilization.

## EDUCATION

**Computer Science** | Yaba College of Technology

Lagos, Lagos, Nigeria, Jan 2014 - Jan 2018

## SKILLS

**Cloud Platforms** | AWS, Amazon Web Services, Solutions Architect, Amazon EKS, Amazon S3, AWS CloudFront

**DevOps Tools** | Docker, Kubernetes, Helm Charts, GitHub Actions, Terraform, Ansible

**Monitoring** | CloudWatch