

# Emmanuel Olori.

## Senior DevOps & Cloud Infrastructure Engineer

📍 United Kingdom ✉️ balori.emma@gmail.com

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### Professional Summary

Senior DevOps Engineer with 8+ years of experience architecting, securing, and optimizing large-scale, cloud-native and hybrid infrastructures across Azure, AWS, GCP, and on-premise platforms. Proven expertise in Linux systems administration, PostgreSQL high-availability, Kubernetes, Docker, Terraform, and CI/CD pipelines with GitHub Actions, Jenkins, and Azure DevOps. Adept at driving automation, disaster recovery strategies, and zero-downtime deployments to deliver resilient, cost-effective systems. Recognized for reducing provisioning times, improving incident resolution, and mentoring engineers while ensuring compliance with SOC2 and ISO standards.

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### Core Skills

- **Cloud Platforms:** AWS, Azure, GCP, Oracle Cloud
  - **IaC & Configuration Management:** Terraform, Ansible, Bicep, CloudFormation
  - **Linux Administration:** Security hardening, advanced networking, performance optimization, automation.
  - **CI/CD:** GitHub Actions, Jenkins, Azure DevOps, GitLab; blue/green and zero-downtime deployments
  - **Containers & Orchestration:** Docker, Kubernetes, AKS, GKE, Helm, Istio, GitOps (ArgoCD, Flux)
  - **Web Infrastructure:** Nginx, Istio ingress, SSL automation, reverse proxies, zero-downtime rollout strategies
  - **Monitoring & Logging:** Prometheus, Grafana, Splunk, Cloud Monitoring, Datadog
  - **Scripting & Automation:** Python, Bash, Go, PowerShell
  - **Security & Compliance:** OPA Gatekeeper, Secret Manager, GitHub Advanced Security, SOC2, ISO
  - **Networking:** VPC, Hub and Spoke, NAT Gateways, Identity-Aware Proxy, Cloud Armor, NSGs
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### Professional Experience

#### Infrastructure Engineer (GCP) — Kijiji Canada Ltd

Andela | Oct 2024 – Present

- Architected and managed 200+ Terraform modules for scalable GCP environments.
- Deployed and maintained 12 GKE clusters with Istio and autoscaling node pools.
- Designed multi-region CloudSQL architecture with replicas, PgBouncer, and backups.
- Engineered high-performance GitHub Actions pipelines for secure, automated CI/CD.
- Reduced infrastructure provisioning time from 3 hours to 12 minutes.
- Developed Go/Python automation services for auto-remediation and cost efficiency.
- Designed multi-region CloudSQL (PostgreSQL) with replicas, PgBouncer, and backups for HA and DR.
- Implemented zero-trust networking with Identity-Aware Proxy and Cloud Armor.

- Created observability stack using GCP Monitoring, Prometheus, and Grafana.
  - Reduced incident response time from 25 minutes to 4 minutes through automated alerting.
  - Implemented zero-trust VPC networking with Identity-Aware Proxy and Cloud Armor.
  - Achieved SOC2 compliance via policy enforcement and continuous vulnerability scanning.
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### **Senior DevOps Engineer (Azure, GitHub Expert Services) — GitHub**

*Andela | Mar 2024 – Sep 2024*

- Delivered enterprise-scale infrastructure solutions across Azure environments.
  - Built reusable Terraform modules for 15+ clients supporting 500+ VMs and AKS clusters.
  - Designed CI/CD workflows with GitHub Actions and Azure DevOps.
  - Reduced deployment time from 45 minutes to 8 minutes using parallel jobs and caching.
  - Managed GitOps with ArgoCD and Flux across staging and production.
  - Integrated GitHub Advanced Security for scanning, secret detection, and compliance.
  - Developed scripts using GitHub GraphQL and Azure APIs for automation.
  - Enhanced monitoring with Azure Monitor, Prometheus, and Grafana.
  - Configured Azure SQL, CosmosDB, and blob storage with disaster recovery setups.
  - Achieved zero-downtime deployment goals through blue/green release patterns.
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### **Sr. Azure DevOps Engineer — Wolters Kluwer**

*Andela | Nov 2022 – Jul 2023*

- Implemented infrastructure as code using Terraform and Azure YAML pipelines.
  - Automated provisioning for AKS clusters, VMs, networking, and storage services.
  - Managed Azure DevOps CI/CD for .NET and container-based applications.
  - Configured Helm charts for Kubernetes microservices.
  - Integrated Splunk and Azure Monitor for end-to-end log analytics.
  - Performed SQL MI tuning, backups, and high availability configurations.
  - Collaborated with dev teams to enforce Git strategy and review processes.
  - Hardened infrastructure with NSGs, firewall rules, and private endpoints.
  - Built custom scripts for pipeline diagnostics and performance monitoring.
  - Achieved SLA performance targets with auto-scaling and rollback logic.
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### **DevOps Engineer — Bitso**

*Dec 2021 – May 2022*

- Designed and provisioned AWS infrastructure with Terraform and GitOps.
- Participated in on-call rotations, handling incidents on crypto services.
- Integrated CI/CD pipelines with GitHub Actions and Atlantis.
- Deployed and managed Kubernetes workloads and upgraded clusters.
- Designed centralized logging using Elasticsearch, Datadog, and Pganalyze.
- Automated incident remediation and alert escalation via Slack and PagerDuty.
- Managed secure network policies using Calico and OPA Gatekeeper.

- Migrated application servers and databases with zero data loss.
  - Collaborated on agile sprints, refining stories for DevOps deliverables.
  - Ensured environment consistency across dev/staging/prod using IaC.
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### **Senior Azure Consultant — Ernst & Young**

*Jul 2021 – Jan 2022*

- Delivered secure multi-cloud architecture on Azure and GCP using Terraform.
  - Built AKS and GKE clusters using Helm for enterprise deployments.
  - Deployed end-to-end CI/CD with GitHub Actions and Azure DevOps.
  - Led proof-of-concept rollouts for cloud modernization efforts.
  - Automated infrastructure compliance using Ansible and Terraform.
  - Created Bicep and ARM templates for repeatable Azure builds.
  - Collaborated with stakeholders to gather and implement requirements.
  - Managed code reviews and CI health checks before release approvals.
  - Troubleshoot escalated issues and improved overall incident resolution.
  - Authored technical documentation and DevOps team standards.
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### **Azure Subject Matter Expert — Tek Experts**

*Apr 2018 – Jul 2021*

- Led resolution of escalated infrastructure and DevOps cases.
  - Automated deployment of Azure resources using Terraform and Ansible.
  - Set up VPN gateways, NSGs, load balancers, and application gateways.
  - Built CI/CD pipelines in Azure DevOps for legacy app modernization.
  - Migrated applications from on-prem to Azure PaaS.
  - Managed Azure file storage, blob storage, and managed disks.
  - Defined repository branching strategy and release workflows.
  - Provided mentorship and guidance to junior support engineers.
  - Delivered architecture plans for large-scale Azure migrations.
  - Facilitated incident tracking, analysis, and service improvement initiatives.
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## **Education**

**M.Sc. in Computer Science** — Lagos State University, Nigeria (2018 – 2020)

**B.Sc. in Computer Science** — Lagos State University, Nigeria (2011 – 2015)

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## **Certifications**

- HashiCorp Certified: Terraform Associate (2024)
  - Microsoft Certified: DevOps Engineer Expert (2023)
  - Microsoft Certified: Azure Security Engineer Associate (2019)
  - All Github Certification Suite x 5 (2024)
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## **Languages & Extras**

- **Languages:** English (Native)
- **Leadership:** Mentored engineers and led platform migration projects
- **Availability:** Immediately