

Mohamed Beshr

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Summary

DevOps Engineer with 6+ years in IT infrastructure and cloud operations across GCP, AWS, Kubernetes, and Terraform, focused on secure CI/CD, observability, and cost optimization. Embeds reusable standards and self-service workflows.

Experience

Modeso (Switzerland), DevOps Engineer (Hybrid, Egypt Office)

Aug 2023–Present

- Build and support production and non-production platforms for enterprise products including **TWINT**, **1LIMS**, **Aumico**, **Dentalaxess**, **Recotree**, and **LIDL Gift Cards** across **GCP** and AWS, using private **GKE**, Cloud Run, and GCE/Docker Compose.
- Standardize **Terraform** governance through pipeline-based plan/apply, scheduled drift detection across **16+ GCP projects** with conditional Google Chat alerts, and separation of oversized state into independent infrastructure domains.
- Design reusable delivery workflows with Helm, Cloud Build, Jenkins, GitHub Actions, and **Argo CD app-of-apps**; apply **least-privilege access** across projects and workloads using IAM, PAM, IAP, Workload Identity, External Secrets, and NetworkPolicy.
- Build observability with **Managed Prometheus**, PodMonitoring, and exporters that give QA teams visibility during testing; cover roughly two weeks per month in a rotating **24/7 production on-call** backed by configured alerts, PagerDuty, and Opsgenie.
- Reduce non-production waste across multiple enterprise products through automated dev-environment scale-down pipelines, on-demand activation of performance environments, and Cloud SQL scheduling, including a plan projecting **66.7%** lower spend.

Faradah (Saudi Arabia), DevOps Engineer (Contract, Remote)

Apr 2025–Present

- Own GCP infrastructure across multiple software products, consolidating environments onto a standard foundation with reusable Terraform, standardized GCE/Docker Compose delivery, and keyless GitHub Actions using **Workload Identity Federation**.
- Strengthen security, reliability, and cost control through PAM/IAP-only access, automated backups, monitoring, production support, and reusable standards that improve team ownership.

Earlier: IT Officer, CMA CGM (2021–2022); Network and Systems Administrator, Taba Land Port (2020–2021).

Project Engagements

Enfaq (Saudi Arabia), DevOps Engineer (Contract, Remote)

2025

- Delivered pre-production and production platforms for a Saudi fintech product within **three weeks**, moving Java microservices from Docker Compose onto private GKE clusters built with Terraform and Helm, with Redis and SQL dependencies.
- Automated delivery and environment operations through Cloud Build and Argo CD, including GKE scaling workflows that reduced non-production cloud costs.
- Partnered with the CTO on reusable pipelines, GitOps workflows, and Al Rajhi Bank integration requirements.

EUNX (UAE), DevOps Engineer (Project Engagement)

2024

- Built the initial private GKE platform from the ground up with Terraform and Helm, deploying multi-service workloads through reusable patterns and integrating Apigee and SAST into delivery pipelines.
- Migrated environments from GCP/GKE to **AWS EKS** with Argo CD, load balancing, workload IAM roles, and External Secrets.

Skills

Cloud & Platform: GCP | AWS | Cloud Run | GCE | Cloud SQL | Apigee | Networking

Kubernetes & Delivery: Kubernetes (GKE, EKS) | Helm | Argo CD | GitOps | Docker/Compose | Terraform | Cloud Build | Jenkins | GitHub Actions

Security: IAM | Workload Identity Federation | PAM/IAP | Secret Manager | External Secrets | NetworkPolicy | SAST

Observability & Ops: Cloud Operations | Managed Prometheus | PagerDuty | Opsgenie | Incident Response | Cost Optimization | Linux | Bash | Python

Education

DevOps Track, Information Technology Institute (ITI), Egypt

2022

BSc Communication & Electronic Engineering, Alexandria University, Egypt

2021

Certifications & Community

Google Associate Cloud Engineer, 2025 | **CKA**, 2024 | **KCSA**, 2025

Community: DevOpsDays Cairo 2026 finalist with OrchestrAI (top 20 of 142) | AWS DeepRacer Egypt 2025 (11th of 85)