Khaled Hawil

DevOps & Cloud Engineer

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🛡 Military Service: Completed   🔗 linkedin.com/in/khaledhawil   ⭕ github.com/khaledhawil

Summary

DevOps Engineer with hands-on experience in Linux system administration, Docker, Kubernetes, and AWS. Skilled in designing and managing CI/CD pipelines using Jenkins, GitHub Actions, and ArgoCD. Proficient in Infrastructure as Code (IaC) using Terraform and Ansible, with strong knowledge of automation, monitoring, and cloud security. Committed to delivering scalable, resilient, and secure systems in fast-paced, collaborative environments.

Professional Experience

System administrator   Jul 2025 – Present
AlKhwarizmi.ai   6th of October City, Giza
Built and managed high-availability infrastructure across Linux and Windows, utilizing MongoDB replica sets, Redis clusters, HAProxy with Keepalived, and web servers (Apache, Nginx, IIS). Focused on system reliability, load balancing, and performance optimization.

Projects

WeatherApp – CI/CD with GitHub Actions & ArgoCD ⧉   Jun 2025
Deployed a containerized microservices application (Go, Python, Node.js) on Kubernetes (DigitalOcean) using GitHub Actions for CI and ArgoCD for GitOps-based CD.

ITI-Final-Project – Full DevOps on AWS (MERN) ⧉   Jun 2025
Deployed MERN application on AWS with Terraform, Ansible, Jenkins, ArgoCD, Docker, Trivy, and CloudWatch. Focused on automation, security, GitOps, and high availability.

Islamic App – Full DevOps Deployment (React/Flask) ⧉   May 2025
Deployed a React & Flask app with PostgreSQL on Kubernetes using Jenkins, ArgoCD, and Docker, incorporating Trivy security scans, GitOps practices, and CI/CD automation.

Internships

AWS re/Start Intensive Training Program   Mar 2025 – Jun 2025
Information Technology Institute (ITI)
Completed a 12-week intensive cloud bootcamp, gaining hands-on experience in AWS, Linux administration, DevOps, automation, networking, and cloud security.

Skills

Linux Administration Linux Admin I & II	**Containers & Orchestration** Docker, Kubernetes	**CI/CD** Jenkins, Argocd, GitHub Actions	**Cloud Computing** AWS, DigitalOcean
Infrastructure as Code (IaC) Terraform, Ansible	**Monitoring & Observability** Prometheus, Grafana	**Version Control** Git, GitHub	**Scripting** Bash, Python

Education

Bachelor's Degree in Computer Science   Sep 2019 – Jul 2023
Higher Institute of Management and Information Technology (HIMIT)

Certifications

AWS Certified Cloud Practitioner (CLF-C02) ⧉   Jul 2025