

Khaled Hawil

Cloud & DevOps Engineer

✉ khaledhawil91@gmail.com ☎ (+20)1503906399 📍 Cairo, Egypt (Open to Relocation)

🛡 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 cloud services, proficient in building and managing CI/CD pipelines using Jenkins. Familiar with Infrastructure as Code tools like Terraform and Ansible, a fast learner with a strong DevOps mindset, focused on building reliable, scalable systems and excelling in collaborative team environments.

Education

Bachelor's Degree in Computer Science 09/2019 – 07/2023

Higher Institute of Management and Information Technology (HIMIT)

- Graduation Project: BodyFit Mobile Application
 - A Flutter mobile app providing tools to support health and wellness
- Grade: Excellent

Internships

AWS re/Start Intensive Training Program 03/2025 – 06/2025

Information Technology Institute (ITI)

- Completed 12-week, full-time, intensive cloud computing bootcamp
- Gained hands-on experience with AWS services, EC2, S3, IAM, VPC, and more
- Practiced Linux system administration, networking, and cloud security
- Gained experience in cloud, automation, and deployment strategies
- Collaborated on team projects with full DevOps pipelines and GitOps workflows
- Developed strong communication, leadership, and technical problem-solving.

TECHNICAL SKILLS

Linux Administration: Linux System Admin I & II

Version Control: Git | GitHub

Cloud Computing: AWS

Containers & Orchestration: Docker | Kubernetes

Scripting: Bash | Python

Infrastructure as Code (IaC): Terraform | Ansible

Monitoring & Observability: Prometheus | Grafana

Continuous Integration & Continuous Deployment (CI/CD): Jenkins | GitHub Actions | Argocd

Soft Skills

- | | | |
|---------------|-----------------|-------------------|
| • Leadership | • Communication | • Team Work |
| • Flexibility | • Adaptability | • Problem Solving |

Projects

WeatherApp – Full DevOps Workflow: CI with GitHub Actions, CD with ArgoCD [!\[\]\(529949c2c3dadbaa4e538e8c643454bc_img.jpg\)](#) 06/2025 – 06/2025

Deployed a microservices weather application on a managed Kubernetes cluster (DigitalOcean), implemented a CI pipeline using GitHub Actions to build Docker images, push them to DockerHub, and automatically update Kubernetes manifests with the new image tags, used ArgoCD for Continuous Deployment, enabling automated GitOps-based delivery to the cluster, the stack includes services written in Go, Python, and Node.js.

E-Commerce Platform – Full DevOps Automation [!\[\]\(99f58673407353e96a019fbca558fd72_img.jpg\)](#) 06/2025
ITI-Final-Project

Deployed a full-stack e-commerce platform using the MERN stack with a complete DevOps pipeline. Provisioned AWS infrastructure (VPC, EKS, ECR, S3) using Terraform, configured EC2 nodes via Ansible, and containerized services with Docker. Implemented CI/CD using Jenkins, GitHub, and Trivy for security scanning, and achieved GitOps-driven CD using ArgoCD. Integrated CloudWatch for observability, enforced security with IAM, RBAC, cert-manager, and enabled high availability with Kubernetes HPA and NGINX Ingress.

Islamic App Deployment with Full DevOps Automation [!\[\]\(339a16584d5da0f0a3ca4e9ec17bf6a1_img.jpg\)](#) 05/2025 – 06/2025
Personal Project

Developed and deployed a production-ready Islamic web application offering prayer times, Quran reader, Hadith collections, and digital Tasbeeh. Built with React, Flask, and PostgreSQL, and deployed on a Kubernetes cluster with full DevOps automation. Implemented CI/CD pipelines using Jenkins, GitHub, and ArgoCD for GitOps deployment. Used Docker for containerization, Trivy for image scanning, and integrated security and observability tools to ensure scalable, secure delivery.

Courses

KodeKloud – Cloud and DevOps Hands-on Learning Platform [!\[\]\(3211b5d1d968fc1665909b34f9f16010_img.jpg\)](#) 03/2025 – 06/2025

- Ansible for the Absolute Beginner – Hands-on Labs
- Terraform for Beginners – Infrastructure as Code
- Jenkins for Beginners
- Kubernetes labs (CKA)
- ArgoCD

DolfinED – Cloud & DevOps Hands-on Learning Platform [!\[\]\(6059a5aa8b4ca7bb793408023d6c6e42_img.jpg\)](#) 12/2024 – 03/2025

- IT, Cloud, TCP/IP, and DevOps Fundamentals
- AWS Cloud Practitioner & Solutions Architect Associate
- Bash Scripting Mastery
- Docker Mastery
- Kubernetes Mastery
- Prometheus and Grafana Mastery

Languages

English
Proficient

Arabic
Mother tongue