


Mohamed Maged

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Carrer Objective

Motivated DevOps engineer with expertise in CI/CD, automation, and infrastructure as code. Experienced in Docker, Kubernetes orchestration, and Ansible configuration management. Skilled in AWS for designing and deploying secure, scalable infrastructure. Proven ability to collaborate in cross-functional teams and streamline development workflows for efficient software delivery

Education

Kafr El-Sheikh University
BS in Information Technology
◦ GPA: 3.3/4.0

Sept 2021 – July 2025

Internship And Training

LEAP Virtual Internship Program
ALEXBANK

Egypt

Aug 2024 – Sep 2024

- Completed the LEAP Project Bootcamp with a focus on "Generative AI and the New Gen Legacy.
- Explored AI applications with peers, contributing to 3 AI-driven banking solutions,improving project delivery by 15%.
- Gained exposure to project management, leading to successful completion of 5 banking AI projects

Digital Egypt Pioneers Initiative (DEPI)
DevOps Engineering

Feb 2024 – Nov 2024

- Completed a 9-month intensive training program focused on DevOps practices and tools
- Designed and deployed 10+ CI/CD pipelines, reducing release times by 30%.
- Implemented automation strategies that improved deployment efficiency by 25%, enhancing operational workflows

Linux Admin Intern
National Telecommunication Institute (NTI)

Egypt

Jan 2024 – Feb 2024

- Completed a one-month initiative in Linux Administration, gaining proficiency in Level 1 and 2 Administration, Troubleshooting, and Security Implementation.
- Documented procedures that increased team efficiency by 20%,ensuring better knowledge sharing across departments..
- Reduced manual server deployment time by 40% through automation.

Projects

Weather Monitoring Application

- Developed a real-time weather monitoring application with React frontend, Node.js backend, and weather API integration, containerized using Docker for streamlined deployment.
- Automated infrastructure setup and scaling with Terraform, ensuring efficient and scalable application deployment.
- Tools Used: React, Node.js, Docker, Terraform, Weather API.

AWS Auto-Scaling Infrastructure with Terraform and Ansible

- Built a scalable, three-tier architecture on AWS using Terraform, with automated Apache setup via Ansible, supporting a 15% growth in user traffic
- Decreased deployment time by 25% using a CI/CD pipeline for a Node.js application, Improved the release process for private VMs.
- Tools Used: Terraform, Ansible, Docker, AWS EC2, GitLab CI, Node.js.

Certificates

AWS Certified Cloud Practitioner (CLF-C01)

August 2024

Amazon Web Services (AWS)

- Demonstrated knowledge of AWS Cloud fundamentals, including core services, security, and compliance.

[View AWS Certification](#) 

Linux Administration 1

(60 hours)

January 2024 – February

Red Hat Academy

2024

- Completed coursework in Linux system administration, covering the fundamentals of the Linux operating system.

[View Linux Admin 1 Certificate](#) 

Linux Administration 2

(60 hours)

March 2024 – April 2024

Red Hat Academy

- Gained proficiency in Linux fundamentals, file systems, and user management.

[View Linux Admin 2 Certificate](#) 

Skills

Cloud Providers

AWS

Linux

Admin 1, Admin 2

CI/CD

GitLabCI, Jenkins

Networking

TCP/IP networking

Infrastructure as Code

Terraform, AWS CloudFormation

Containerization

Docker, AWS ECS & EKS

Configuration Management

Ansible

Version Control

Git

Automation

Bash Scripts, Python

Container Orchestration

Kubernetes