Abdeltawab Wagieh

DevOps Engineer

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🐙 Github   📍 Cairo

🪪 Profile

Results-driven DevOps/SRE Engineer with expertise in debugging, coding, and leveraging tools like Docker, Kubernetes, Git, GitHub, Linux, CI/CD pipelines, and a variety of DevOps technologies. Certified as an IBM professional, Google Cloud Platform Associate Cloud Engineer (GCP ACE), AWS Certified Cloud Practitioner, and Oracle Cloud Infrastructure Certified. Possesses a strong foundation in software development methodologies and thrives in dynamic environments, ready to contribute effectively and continuously grow within a professional setting.

🎓 Education

Misr University For Science and Technology	10/2021 – 06/2025
Computers and Artificial Intelligence	Giza, Egypt

💼 Professional Experience

DevOps Engineer Intern   08/2024 – 09/2024
Nokia   Cairo, Egypt

Contributed to building and optimizing CI/CD pipelines, automating infrastructure tasks, and setting up monitoring and logging systems. Focused on improving software delivery, deployment processes, and application reliability in a telecom environment.

Global Student Experience Intern   07/2024 – 09/2024
Schneider Electric   Cairo, Egypt

I contributed to various projects enhancing digital solutions and sustainability, collaborating with teams to analyze data, support digital transformation, and drive innovation.

DevOps Engineer Intern   03/2024 – 06/2024
Exlearn Technologies   Cairo, Egypt

I collaborated with teams to automate software delivery, implement CI/CD pipelines using Jenkins and Github Actions, manage infrastructure with Terraform, and monitor application performance for reliability.

Artificial Intelligence Engineer Intern   04/2024 – 06/2024
Orange Egypt   Cairo, Egypt

I assisted in the development and deployment of AI-driven solutions, applying machine learning techniques to real-world challenges. I collaborated with cross-functional teams to enhance AI models.

Artificial Intelligence Engineer Intern   07/2022 – 11/2022
Samsung Electronic   Cairo, Egypt

I worked on AI-driven projects, applying machine learning techniques to enhance products and services. I collaborated with cross-functional teams to develop AI models

📁 Projects

Deploying a Highly Available Web Application on AWS using Terraform ⧉   06/2024 – 05/2024

Deployed a highly available web application on AWS using Terraform, with an Application Load Balancer (ALB) and Auto Scaling Group (ASG). The setup included a bastion host for secure SSH access, S3 for backups, and public/private subnets with a NAT gateway for secure internet access.

Automated CI/CD Pipeline for Node.js Application ⍐   10/2023 – 11/2023
  Designed and implemented a CI/CD pipeline with Jenkins and Docker to automate
  build, testing, and deployment for a Node.js app, improving efficiency, scalability,
  and reducing manual intervention.

Multi-Tier Application Deployment with Docker and Kubernetes ⍐   05/2023 – 06/2023
  Configured and deployed a multi-tier application using Docker and Kubernetes,
  showcasing the ability to build and manage a scalable, fault-tolerant architecture.

DBMS Bash Script Project ⍐   02/2023 – 03/2023
  Developed a command-line-based Database Management System (DBMS) using
  Bash scripting, enabling fundamental database operations like creating, listing,
  and dropping databases, managing tables, and performing CRUD operations
  without external databases.

⌨ Certificates

Google Cloud Certified Associate Cloud Engineer ⍐ (Google Cloud)

AWS Certified Cloud Practitioner ⍐ (Amazon Web Serviecs)

Oracle Cloud Infrastructure Certified Foundations Associate ⍐ (Oracle Cloud)

IBM DevOps and Software Engineering Professional Certificate ⍐ (IBM)

IBM Applied DevOps Engineering Professional Certificate ⍐ (IBM)

Red Hat System Administration I | RH124 ⍐ (Red Hat)

Red Hat System Administration II | RH134 ⍐ (Red Hat)

Effective Leadership (HP)

⌨ Skills

Git, GitHub, GitLab, Jenkins, Github Actions, AWS , GCP, Terraform, Ansible, Docker, Docker Compose
,Kubernetes, Helm, Prometheus, Grafana, Linux system administration, Python ,Bash , troubleshooting, Load
Balancers ,DNS, SSL/TLS, PostgreSQL, MySQL, Agile

⌨ Awards

Top 10 in AI Hackathon
Samsung Innovation Campus with Unigreen
  Recognized for outstanding performance in an AI-focused hackathon, demonstrating strong problem-
  solving and innovation skills.

AWS Emerging Educator Member
Amazon Web Services
  Selected as a member of AWS's Emerging Educator program, recognizing my commitment to promoting
  cloud computing education and fostering innovation within the tech community.

⌨ Languages

Arabic — Native/Bilingual   **English** — Fluent