

ALY ESMAEIL EL-ESAWY

CLOUD DEVOPS ENGINEER

Phone : +20 1555344220

LinkedIn : <https://linkedin.com/in/alielesawy>

Location : 6th October city, Giza, Egypt

Email : alyesmaeil.g@gmail.com

Website : <https://aliesmail.tech>

GitHub : <https://github.com/alielesawy>

SUMMARY

A motivated engineer seeking a challenging role in a well-established organization, where I can apply my skills in Cloud, DevOps, and System Administration to contribute to business growth while advancing my career in IT.

Professional Experience

DevOps Engineer Intern

Mar 2025 - April 2025

ZeroSploit MEA

- Deployed the DFIR-IRIS platform on Kubernetes with persistent storage, secrets, config maps, and StatefulSets for PostgreSQL and RabbitMQ.
- Configured headless services and ingress for direct access, and conducted functional testing for full application lifecycle

Cloud DevOps Engineer Intern

Feb 2025 - Mar 2025

iVolve Technology

- Hands-on experience in:
 - RedHat Linux Administration and Ansible Automation
 - AWS Cloud Services
 - Tools: Terraform, Jenkins, ArgoCD
 - Kubernetes and Openshift

Trainee – Cloud DevOps Accelerate Track

Nov 2024 - Feb 2025

National Telecommunication Institute (NTI) - Smart Village.

- Intensive training program covering:
 - Linux and System Administration.
 - Automation and Configuration Management .
 - Cloud Technologies.
 - Containers and Orchestration.
 - CI/CD Pipelines.
 - Infrastructure as Code (IaC)

TECHNICAL SKILLS

- **DevOps Tools:** Docker, Kubernetes, Terraform, Ansible, Jenkins, Podman, OpenShift.
- **Cloud Technologies:** Amazon Web Service (AWS), OpenStack.
- **Operating Systems:** Linux Administration (Levels I & II).
- **Database Management:** SQL Server.
- **Scripting and Programming:** Python, Bash , Java,C++.
- **Networking:** CCNA-level knowledge.
- **Version Control:** Git, GitHub.
- **Concepts:** Object-Oriented Programming (OOP), Data Structures, Algorithms.

EDUCATION

Bachelor's Degree in Computer Science and Information Systems.
October 6 University.
Grade: Good (2.7)

Sep 2019- Jul 2023

CERTIFICATIONS

- [GitHub Foundations](#)
 - [Huawei Certified Cloud Developer Associate](#)
- (Jan 2025)

(Dec 2024)

KEY PROJECTS

End-to-End DevOps Pipeline Deployment

- Built a complete CI/CD pipeline using Jenkins and ArgoCD with stages including testing, building, image handling, and deployment.
- Used Docker for containerization and Kubernetes for orchestration within a dedicated namespace.
- Provisioned AWS infrastructure (VPC, EC2, S3, CloudWatch) using Terraform with modular design and backend state management.
- Automated EC2 configuration with Ansible, including setup for Jenkins, SonarQube, and required system packages using dynamic inventory.
- Integrated GitHub, SonarQube, and Shared Jenkins Libraries for modern pipeline practices.
- GitHub: [Project and Demo](#).

Raffle AWS serverless application

- Hosted webpages using S3 and CloudFront
- Developed AWS Lambda functions for business logic
- Stored participant data in DynamoDB
- Used Route53 and ACM for DNS & mutual TLS security
- Generated certificates with OpenSSH
- Automated deployment using Python (Boto3)
- GitHub: [Project and Demo](#).

FullStack ToDo lis app with Docker and K8s

- Developed backend with Java Spring Boot, frontend with React & Node.js
- Used MongoDB for data storage
- Containerized services with Docker and Docker Compose
- Deployed images using Kubernetes
- GitHub: [Project and Demo](#).

LANGUAGE

Arabic: Native.

English: Fluent.

PERSONAL INFORMATION

Military Status: Exempted.

Date of birth : 15 NOV 2000.