

# Ahmed Atiia Ahmed

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## SUMMARY

DevOps Engineer with nearly 2 years of experience in Kubernetes, CI/CD automation, and DevSecOps practices. Skilled in Kubernetes, Docker, Jenkins, SonarQube, and ArgoCD, with hands-on strengths in monitoring, observability, and secure pipeline design. Focused on improving deployment reliability, scalability, and performance.

## EXPERIENCE

### DevOps Engineer

*ISFP*

Sep 2024 – Present

*hybrid*

- Designed and deployed production-grade Kubernetes clusters , improving orchestration efficiency and enabling scalable, high-availability workloads.
- Built a complete observability stack (Prometheus, Grafana, Loki), strengthening real-time monitoring and contributing to near-100% infrastructure uptime.
- Engineered a secure, automated GitOps workflow with Jenkins, Trivy, SonarQube, Docker, and ArgoCD, enabling zero-downtime releases and reducing deployment errors by 80%.
- Improved build performance by integrating Nexus Repository, reducing build time from minutes to seconds and accelerating delivery pipelines.
- Enhanced CI/CD security by embedding DevSecOps tools and applying security best practices, enabling automated vulnerability detection and secure code delivery.
- Implemented CSI storage with Longhorn and MinIO, increasing reliability and persistence for stateful Kubernetes applications.
- Automated GitLab Operator workflows to standardize deployments and reduce manual operational effort.
- Participated in incident troubleshooting and pipeline recovery efforts, helping reduce system instability and improve overall service reliability.

### DevOps Engineer (Part-Time)

*Freelancer*

Dec 2024 – Mar 2025

*Remote*

- Delivered DevOps solutions for multiple clients by designing microservices-ready architectures and optimizing AWS infrastructure for reliability and cost efficiency.
- Built automated deployment environments using Kubernetes, Docker, Jenkins, Terraform, Prometheus, and Grafana, improving delivery speed and reducing operational overhead.

### DevOps Engineer (Intern)

*eSpace*

Aug 2022 – Oct 2022

*Remote*

- Dockerized Ruby on Rails and React applications, implemented Nginx reverse proxies, and developed Jenkins CI/CD pipelines to standardize testing and deployment.
- Automated multi-environment deployments using Kubernetes, Ansible, Jenkins, and Terraform, improving delivery consistency and system stability.

## CERTIFICATIONS

**Certified Kubernetes Administrator** Jan 2025

## TECHNICAL SKILLS AND INTERESTS

**Containers and Orchestration:** Kubernetes, Helm, Docker

**CI/CD and Artifact Management:** Jenkins, GitHub Actions, ArgoCD, GitLab Operator, Nexus, Harbor

**Cloud and Infrastructure:** AWS, Terraform, Ansible, Linux (L1/L2), Networking (MetalLB), Longhorn, MinIO

**Monitoring and Observability:** Prometheus, Grafana, Loki, OpenTelemetry

**DevSecOps Security:** SonarQube, Trivy, OPA Conftest, Talisman, Falco, Istio, Vault , Keycloak

**Programming and Scripting:** Golang, Python, Bash

## EDUCATION

### Faculty of Engineering Alexandria University

GPA: 3.4

*Bachelor of Engineering in Communication and Electronics*

2017-2022