

# 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.

## TECHNICAL SKILLS

- **Containers and Orchestration:** Kubernetes, Helm, Docker
- **CI/CD and Artifact Management:** Jenkins, GitHub Actions, ArgoCD, GitLab Operator, Nexus, Harbor
- **DevSecOps and Security:** SonarQube, Trivy, OPA Conftest, Talisman, Falco, Istio, Vault, Keycloak
- **Cloud and Infrastructure:** AWS, Terraform, Ansible, Linux (L1/L2), Longhorn, MinIO
- **Monitoring and Observability:** Prometheus, Grafana, Loki, OpenTelemetry
- **Programming and Scripting:** Golang, Python, Bash

## CERTIFICATIONS

**Certified Kubernetes Administrator** Jan 2025

## 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 by 70%, resulting in 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.

## EDUCATION

**Faculty of Engineering Alexandria University**  
*Bachelor of Engineering in Communication and Electronics*

GPA: 3.4  
2017-2022

## PROJECTS

- **EKS-Cluster-Autoscaler :** Designed and deployed an Amazon EKS cluster with integrated autoscaling features
- **AutoInfraDeploy :** Automated deployment pipeline for Node.js applications using GitHub Actions and Terraform, managing full infrastructure lifecycle including provisioning and teardown.