Ahmed Atiia Ahmed

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SUMMARY

DevOps Engineer with nearly 2 years of hands-on experience building and operating Kubernetes-based platforms, CI/CD pipelines, and DevSecOps workflows in production environments. Focused on delivering reliable, secure, and scalable cloud-native systems through automation and observability.

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, Gitleaks, Falco, Istio, Vault, Keycloak
- **Cloud and Infrastructure:** AWS, Oracle Cloud, Terraform, Ansible, Linux (L1/L2), Longhorn, MinIO
- **Monitoring and Observability:** Prometheus, Grafana, Loki, Zipkin, OpenTelemetry
- **Programming and Scripting:** Golang, Python, Bash

CERTIFICATIONS

Certified Kubernetes Administrator *Jan 2025*

EXPERIENCE

DevOps Engineer   Sep 2024 – Present
ISFP   *hybrid*

- Led a cross-functional DevOps and Operations squad for an Oman Government project on Oracle Cloud Infrastructure, mentoring team members and driving close collaboration to ensure successful end-to-end service delivery from development to production
- Designed and deployed production-grade Kubernetes clusters, improving orchestration efficiency and enabling scalable, high-availability workloads.
- Built a complete observability stack (Prometheus, Grafana, Loki , Zipkin), 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 accelerated 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.
- Collaborated closely with development teams to integrate DevOps tools directly into application code, implementing OpenTelemetry and Keycloak to enhance observability, authentication, and end-to-end deployment efficiency.
- Supported incident troubleshooting and pipeline recovery for production systems, helping reduce service instability and improve overall reliability.

DevOps Engineer (Part-Time)   Dec 2024 – Mar 2025
Freelancer   *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)   Aug 2022 – Oct 2022
eSpace   *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   GPA: 3.4
Bachelor of Engineering in Communication and Electronics   *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.