

DINA ELSERGANI

DevOps & Cloud Engineer

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Certified Kubernetes Administrator (CKA) | AWS Certified DevOps Engineer – Professional

SUMMARY

DevOps and Cloud Engineer with hands-on experience deploying and operating workloads on Kubernetes and Red Hat OpenShift across government, public-sector, and banking environments. Experience spans AWS, GCP, OCI, and on-premises infrastructure, with responsibility across the delivery lifecycle from infrastructure provisioning and configuration management through CI/CD and monitoring. Brings four years of prior full-stack development experience across web and mobile applications, providing a developer's perspective on building and operating platforms that effectively serve their users.

TECHNICAL SKILLS

Cloud & Infrastructure: AWS (primary), on-premises/private cloud; working knowledge of GCP, OCI

Containers & Orchestration: Kubernetes, Red Hat OpenShift, Docker, Kustomize

Infrastructure as Code: Terraform, CloudFormation, Ansible

CI/CD & GitOps: Jenkins, GitHub Actions, GitLab CI, AWS CodePipeline, Argo CD

Observability: Prometheus, Grafana, AWS CloudWatch, Elasticsearch/Logstash/Kibana

Systems & Scripting: Red Hat Enterprise Linux administration, networking, Python, Bash

EXPERIENCE

Cloud Engineer, Ejada Systems

Nov 2025 – Present

- Deployed and maintained application workloads across 4 Kubernetes and Red Hat OpenShift clusters totaling 25+ nodes, spanning dev, staging, and production on AWS and on-premises platforms.
- Tuned container resource requests and limits to stop OOMKilled restarts under load, and added liveness and readiness probes so rolling updates complete without dropping traffic.
- Engineered CI/CD pipelines in Jenkins and GitHub Actions automating application containerization, private registry image pushes, and triggered deployments, cutting release time from 30 minutes to under 10.
- Automated security hardening, patching, and routine maintenance with Ansible and Bash across 10+ Linux hosts, replacing manual SSH-based package management and configuration.

Full-Stack Developer, Afaq Educational (contract)

Sep 2023 – Oct 2025

- Built and maintained educational web and mobile applications end to end, from data model and API through to the interface, with dashboards tracking user engagement, learning performance, and content analytics.

Freelance Developer (part-time), Mostaqi and direct clients

Jun 2021 – Sep 2025

- Delivered web and mobile applications for startups and small businesses, including apps and dashboards for a waste-recycling operator covering collection scheduling, user reporting, and real-time operational data.

PROJECTS

EKS GitOps Platform ([GitHub](#))

- Terraform-provisioned VPC, EKS, and RDS, with Argo CD delivering Kustomize overlays to 3 environments.
- CI validating every overlay and Terraform module, scanning dependencies and IaC with Trivy and Checkov, publishing images to GHCR, plus modelled SLO alerting, canary delivery, and cross-region failover.

Centralised Logging and Metrics

- Elasticsearch, Logstash, and Kibana aggregating application and system logs across environments, with AWS CloudWatch metrics and alarms.
- Dashboards covering error rate, latency, and saturation, with alerts routed to on-call channels.

CERTIFICATIONS & TRAINING

Certified Kubernetes Administrator (CKA), The Linux Foundation ([verify](#))

Sep 2026

AWS Certified DevOps Engineer – Professional, Amazon Web Services ([verify](#))

May 2025

OpenShift Administration II (DO280), Red Hat (course completion)

Jan 2026

EDUCATION

B.Sc. Computer Science, Mansoura University

Sep 2020 – Jun 2024

Web Development Program, Information Technology Institute (ITI)

Jul 2023 – Sep 2023

Languages: Arabic (native), English (fluent), German (basic)