

# DINA ELSERGANI

## DEVOPS & CLOUD ENGINEER

### CONTACT INFO



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### PROFESSIONAL SUMMARY

Experienced Cloud & DevOps Engineer specializing in multi-cloud (AWS, OCI, GCP) and on-prem/hybrid environments. Leveraging a 3-year full-stack background to build automated Kubernetes platforms and IaC-driven CI/CD pipelines. Possesses practical experience in the configuration and daily management of Linux and Red Hat Enterprise Linux systems.

### TECH SKILLS

- **Cloud & Infrastructure:** Public (AWS, OCI, GCP) & Private Cloud (On-Prem), IaC (Terraform, CloudFormation), Ansible for hybrid multi-environment deployments
- **Containers & Orchestration:** Kubernetes (EKS) & Red Hat OpenShift SysAdmin
- **CI/CD & Automation:** Jenkins, GitHub Actions, AWS CodePipeline, Python & Bash scripting for ChatOps (Slack/Jenkins) to streamline workflows
- **Observability & Reliability:** Prometheus, Grafana, AWS CloudWatch, ELK Stack

### WORK EXPERIENCE

#### Cloud Engineer | Ejada systems *(full-time)*

Nov 2025 – present

- Deployed and maintained application workloads on Red Hat OpenShift and Kubernetes clusters, authoring YAML manifests for Deployments, Services, and ConfigMaps while utilizing kubectl and container logs to resolve resource or scheduling bottlenecks.
- Performed core Linux system administration across cluster nodes, including managing user permissions, configuring systemd services, and monitoring system health using top, df, and journalctl to ensure 24/7 node reachability.
- Orchestrated the container lifecycle on Kubernetes by fine-tuning resource requests/limits to prevent OOMKilled errors and implementing liveness/readiness probes to facilitate zero-downtime rolling updates.

- Provisioned multi-environment infrastructure across Public (AWS, GCP, OCI) and On-Premises platforms, configuring networking, VMs.
- Automated infrastructure hardening and routine maintenance using Bash and Ansible, specifically streamlining package management and SSH configuration across multi-node Linux environments to reduce manual overhead.
- Engineered CI/CD pipelines in Jenkins and GitLab CI to automate the containerization of applications, managing private registry image pushes and triggered deployments into scalable Kubernetes environments.

### **Full-Stack Developer | Afaq educational (contract)**

Sept. 2023 – October 2025

- Developed multiple educational mobile apps and websites tailored to the company's learning goals.
- Built and maintained interactive dashboards for tracking user engagement, performance, and content analytics.

### **Freelance Full-Stack Developer | Mostaqi**

June 2021 – Sept. 2025

- Provided on-demand development services alongside full-time roles, delivering additional web and mobile solutions for startups and SMEs.
- Maintained and iterated on client applications based on feedback, ensuring continuity and high satisfaction without impacting corporate responsibilities.

### **Full-Stack Developer | Baramouda (contract)**

March 2024 – May 2024

- Designed and developed mobile apps and dashboards focused on waste recycling operations, promoting sustainability and efficient waste tracking.
- Integrated features for real-time data visualization, user reporting, and collection scheduling, enhancing environmental impact and operational oversight.

## **PROJECTS**

### **Web Development**

**Technologies Used:** HTML, CSS, JS, React, Node.js, PHP (Laravel), Django, .net

#### **Projects:**

- **E-Commerce Platform:** Built a full-stack e-commerce site with real-time updates and secure payments, boosting sales and user engagement.
- **Chat Website:** Developed a real-time chat platform with React and Django, featuring instant messaging, group chats, and status indicators.
- **Restaurant Website:** Designed a restaurant site with online reservations, digital menu, and Google Maps integration for enhanced accessibility.

## Cloud Computing and DevOps

**Technologies Used:** AWS, Docker, Kubernetes, Jenkins, Terraform, GitLab CI/CD, OCI, GKE

### Projects:

- **AWS Infrastructure:** Boosted uptime to 99.9% and cut costs by 20% through automated resource optimization.
- **CI/CD Pipelines:** Automated testing and deployment using Jenkins and Docker.
- **Monitoring & Logging:** Implemented CloudWatch and ELK Stack for real-time performance insights and faster troubleshooting.
- **Containerization:** Standardized environments with Docker, reducing deployment errors and improving collaboration.
- **Infrastructure as Code (IaC):** Streamlined scalable deployments using Terraform and CloudFormation.

## Mobile App Development

**Technologies Used:** Flutter, Dart, Firebase , Android Dev , IOS Dev

### Projects:

- **E-Commerce App:** Built a Flutter-based shopping app with secure payments, real-time tracking, and Firebase backend.
- **Career Shift App:** Created an AI-powered career guidance app with resume tools, goal tracking, and job insights.
- **Music App:** Developed a music streaming app with personalized playlists, offline playback, and Firebase integration.
- **eBooks App:** Designed an eBook reader app with purchase, bookmarks, TTS, and Firebase-powered data handling.

## EDUCATION & CERTIFICATIONS

### Education & Training

- B.Sc. Computer Science, Mansoura University (2020–2024)
- ITI Egypt – Web Development (2023)

### Certifications

- AWS Certified DevOps Engineer – Professional, Amazon Web Services (2025) [Verify Credential](#)