

OSAMA REDA

DevOps Engineer

Personal Information

Name : Osama Reda Rafat	Military Status : Exempted
Location : Egypt, 10 th of Ramadan city	Marital Status: Single
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Summary Info

DevOps Engineer with proven experience in designing, implementing, and maintaining CI/CD pipelines, containerized applications, and scalable cloud infrastructure. Skilled in automating workflows, monitoring systems, and deploying production-grade applications on AWS, GCP, and Azure. Adept at Infrastructure as Code (Terraform), Kubernetes orchestration, and cloud-native solutions that improve efficiency and reliability.

Experience

System Administrator / DevOps Intern - [Route] - Jun 2025 to Feb 2026

- Automated server maintenance and backups using Bash and Python scripts, reducing manual effort by 40%.
- Deployed and managed containerized applications using Docker and Kubernetes.
- Assisted in migrating legacy applications to cloud-based infrastructure (AWS EC2, S3, RDS).
- Implemented monitoring and alerting using Prometheus and Grafana dashboards.

Training/Internship

DevOps - Route (Cairo, Egypt) | 2025

- Hands-on experience with **CI/CD, Docker, Kubernetes, Terraform**.
- Deployed cloud-native apps on **AWS & Azure**.
- Monitoring & logging using **Prometheus, Grafana, ELK Stack**.

Networking Training - NTI (Cairo, Egypt) | 2024

- Completed **CCNA Routing & Switching (NTI)** with practical networking skills.

Certifications

- AWS Certified Solutions Architect (2025)
- Certified Kubernetes Administrator – CKA (2025)
- RHCSA (2025)
- Terraform Associate (2025)
- CCNA Routing & Switching (2024)

Projects

E-Commerce Platform Deployment

- Built **CI/CD pipelines** using GitHub Actions.
- Dockerized NodeJS app & deployed on **Kubernetes (AWS)**.
- Integrated monitoring via **Prometheus + Grafana**.
→ GitHub: [\[Link\]](#)

Infrastructure Automation & Management

- Provisioned AWS infrastructure using **Terraform (EC2, S3, RDS, VPC)**.
- Automated deployments across multiple environments.
- Reduced deployment time by **50%**.
→ GitHub: [\[Link\]](#)

Educations

Bachelor of Computer Science (B.Sc.)

Higher Technological Institute (HTI), Egypt

Graduated: 2026

Degree: Very Good

Skills

Technical Skills

- **DevOps & CI/CD:** Jenkins – Git – GitHub Actions – GitLab CI – Docker – Kubernetes – Ansible – Terraform – Prometheus – Grafana – ELK Stack.
- **Programming & Scripting:** Python – Bash – YAML – JSON – Regex.
- **Cloud Platforms & OS:** AWS – Azure – Linux (Ubuntu, CentOS) – Windows.

Lingual Skills

- **Arabic:** Native
- **English:** Very Good