

# OSAMA REDA

## *DevOps Engineer*

### Personal Information

---

|  |                                   |
|--|-----------------------------------|
| <b>Name</b> : Osama Reda Rafat   | <b>Military Status</b> : Exempted |
| <b>Location</b> : Egypt, 10 <sup>th</sup> of Ramadan city                          | <b>Marital Status</b> : Single    |
| <b>Phone</b> : 01019616125   | <b>Nationality</b> : Egyptian     |
| <b>E-Mail</b> : <a href="mailto:osamareda170@gmail.com">osamareda170@gmail.com</a> |                                   |
| <b>LinkedIn</b> : <a href="#">[Link]</a>   |                                   |

### 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