

Ziad Tarek Saeed

DevOps Engineer

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Profile Summary

Work Experience

Internships & Training

Education

Certificates

Technical Knowledge

Projects

Extracurricular Activities

Languages

Profile Summary

Critical thinking DevOps Engineer with extensive understanding of high availability architecture and concepts. Purpose-driven professional with capacity to be strong team player plus work effectively independently.

Work Experience

IT Technical Deskside Support
Sutherland Global Services

Alexandria, EG
Aug 2022–OCT 2024

- Troubleshoot technical issues and provided on-site technical support.
- Provided technical support for end-users and resolved escalated technical issues.
- Automated routine system administration tasks to reduce manual effort.

Outsourced IT Technical Support Help Desk
EgyProTech Company (Outsourced to SEDTCO)

Cairo, EG
Sep 2022–Apr 2023

- Delivered dedicated IT support to SEDTCO's management, ensuring seamless operation of key systems.
- Resolved hardware, software, and network issues to minimize downtime and enhance productivity.

Internships & Training

Orange Business Company Online

SDN and SD-WAN (Cisco Viptela) Technology | Feb 2022–Feb 2022

Education

Faculty of Engineering, Alexandria University, Alexandria, EG

Bachelor's Degree in Electrical Engineering | Sep 2017–Jun 2022

Department: Communications & Electronics | Grade: Good

Certificates

EX200 Red Hat Certified System Administrator (RHCSA)

Technologies Used: Red Hat Enterprise Linux 9

Validation: Oct 8, 2024 to Oct 8, 2027 | Certification ID: 240-202-713

Technical Knowledge

DevOps

Ansible, Docker, Kubernetes, Jenkins, AWS, Terraform, ArgoCD, Prometheus, Grafana, Git, Agile

System Administration

Linux Administration I & II, Bash Scripting, VMware and vSphere, Windows servers (MCSA), Apache and Nginx

Network & IT Skills

CCNA 200-301, CCNP Encore 350-401 MPLS and BGP, SDN and SD-WAN, Network Security, Python for Network

Projects

1. Three Tier Application Deployment using AWS, Kubernetes, and Jenkins

Overview: Containerized a three-tier app (React.js frontend, Node.js backend, MongoDB database) and deployed on Amazon EKS.

- Automated CI/CD pipeline with Jenkins for building, testing, and deploying images.
- Integrated AWS ECR for image storage, Kubernetes Ingress, and Load Balancer for traffic management.
- Set up Slack notifications for deployment success.

Technologies: Docker, AWS EKS, Jenkins, Helm, Slack

2. YouTube Video & Playlist Downloader

Flask-based web app allowing video downloads via pytube, with Flask for backend processing and Docker for deployment.

Technologies: Flask, Docker, HTML, CSS

3. Automated CI/CD Pipeline for Dinosaur Game

Configured an automated Jenkins pipeline for a containerized game deployment.

- Integrated SonarQube for code quality, Trivy for security scans, and deployed to Kubernetes using ArgoCD.

Technologies: Jenkins, SonarQube, Trivy, ArgoCD, Docker, Kubernetes

4. MongoDB and Mongo-Express on Kubernetes

Deployed MongoDB and Mongo-Express on Kubernetes with PV, PVC, Secrets, and ConfigMaps for persistence and configuration management.

Integrated Prometheus and Grafana for monitoring via Helm.

Technologies: Kubernetes, Prometheus, Grafana, Helm, Docker

5. Networks Evolution (SDN & SD-WAN Technology) || Graduation Project

Studying specific networks evolution starting from CLI, scripting, automation to software-defined network (SDN) and software wide area network (SDWAN) technologies.

SDN simulation using Mininet and controllers (ODL, ONOS, HPE van).

Full SD-WAN simulation using GNS3 and EVE-ENG for Cisco Viptela solution.

Extracurricular Activities

Head of Academic Committee, EED Society

Skills: Leadership, Work Under Stress, Team Work, Flexibility, Fast Learning, Hard Worker

Head of Public Relations Committee, Safwa Engineering

Skills: Problem Solving, Conflict Resolution, Flexibility

Languages

Arabic (Native), English (Very Good)

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