Abdelaziz Omar Abdelaziz Omar

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Objective

- As a highly motivated DevOps Engineer, my goal is to contribute to the development and implementation of reliable, scalable, and secure infrastructure by utilizing my knowledge of automation, scripting, and cloud computing technologies. I am eager to learn and apply emerging tools and best practices to streamline software development and deployment processes, while collaborating effectively with cross-functional teams.

Education

JULY 2017 – JULY 2021

- Bachelor degree in The agricultural economy, (Faculty Of Agriculture Alexandria University), Egypt
- Grade: Overall Good

Internships and Diplomas

INFORMATION TECHNOLOGY INSTITUTE (ITI), MCIT | INTERNSHIP | NOV 2022 – MAR 2023

- **Intensive training (4-Month) program DevOps Track.**

NATIONAL TELECOMMUNICATION INSTITUTE (NTI), MCIT| INTERNSHIP | APR 2022 – MAY 2022

- **Backend Developer Internship (PHP / Laravel / MySQL).**

ROUTE ACADEMY TRAINING | DIPLOMA | FEB 2022 – MAY 2022

- Software IT Fundamentals.

YOUTH ENABLEMENT FOR FREELANCING INITIATIVE, MCIT | INTERNSHIP | SEP 2020 – NOV 2020

- **Full-stack Web Development at Ministry of communication and information technology**

Certificates

LINUX FOUNDATION | CKA | AUGUST 2023

- Certified Kubernetes Administrator .

AWS | CLF-C01 | MARCH 2023

- **AWS Certified Cloud Practitioner**.

Working Experience

BACKEND DEVELOPER | FREELANCER | JUN 2021 – DEC 2021

BACKEND DEVELOPER | ARABIC LOCALIZER | FULL-TIME | AUG 2022 – NOV 2022

- Working on AIOBO ERP-SYSTEM
  - Maintaining the website issues
  - Fixing the website stability issues
  - Major re-write of sections of the code
  - Increasing a performance of MySQL query

Technical Skills

CORE DEVOPS SKILLS:

- Comfortable with **Linux and Windows-based systems**, automating tasks through **CLI** and **scripting (Bash, Python).**
- Familiarity with various programming skills like **PHP**, **JavaScript**, **C#**, and **Python** for application development and automation.
- Familiarity with version control systems **(Git, GitHub)** for collaborative software development.
- Familiarity with **AWS** cloud provider for deploying and managing infrastructure resources.
- Proficient in containerization with **Docker** and container orchestration with **Kubernetes**.
- Familiarity with automating infrastructure using **Terraform** and configuration management using **Ansible**.
- Familiarity with **Jenkins** and **GitHub Actions** for CI/CD pipeline configuration and management.
- Familiarity with monitoring, alerting tools using **Prometheus** and visualization tools using **Grafana**.
- Familiarity with managing application deployments with **Helm**.
- Familiarity with repository management with **Nexus**.

OTHER TECHNICAL SKILLS:

- Familiarity with **RESTful APIs** and testing them using **Postman**.
- Proficient in working with **JSON** and **YAML** for configuration and data exchange.
- Familiar with software development **lifecycle (SDLC)** and **Agile methodologies**.
- Familiar with Database management systems using **MySQL** and **SQL**.
- Familiar with **OOP Concepts** and **SOLID Principles**

Projects:

PROJECT ZERO | ONLINE BOTIQUE MICROSERVICE APPLICATION | K8S, HELM , HELM-FILE , BASH

- **Description**: Online Boutique is a cloud-first microservices demo application. Online Boutique consists of an 11-tier microservices application. The application is a web-based e-commerce app where users can browse items, add them to the cart, and purchase them.
- **Project Repository**: link

PROJECT ONE | FULL CI/CD APPLICATION | IAC , DOCKER , K8S , HELM , JENKINS , GIT , ANSIBLE

- **Description:** This DevOps project aims to automate the provisioning, deployment, and management of applications on an Amazon EKS cluster using Terraform for infrastructure provisioning, Ansible for configuration management, Docker for containerization, eksctl for EKS cluster creation, kubectl for Kubernetes cluster management, Helm for package management, and Jenkins for continuous integration and continuous deployment (CI/CD).
- **Project Repository:** link

Personal Skills

- PROBLEM SOLVING

- COMMUNICATION

- COMMITMENT

- TIME-MANAGEMENT

- EXCELLENT COLLABORATION AND COMMUNICATION

- EAGERNESS TO LEARN AND KEEP UP WITH EMERGING TECHNOLOGIES, TOOLS, AND BEST PRACTICES IN THE FIELD.

Volunteering Experience

SUMMER 2020

- HR Staff Member at AVAD Club
- HR Staff at Ecout Program

SUMMER 2019

- HR Staff Member at Spara-Consumption at Bibliotheca Alexandria
- Participant at Upgrade Project at Faculty of Science – Alexandria University

Languages

- Arabic: **Native**
- English: **B1**

Personal Information

- Martial Status: **Single**
- Nationality: **Egyption**
- Birthday: **03/05/1998**
- Military Service: **Exmpted**