

Hussein Ghoraba

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Military Services: Exemption

Address: Zahraa ElMaadi, Egypt (Easy Relocate).

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Objective

To obtain a position as a DevOps Engineer where I can use my knowledge and experience in scripting languages, automation tools, and cloud services to develop high-quality solutions.

Internships

11/2022 – 02/2023

3-Month Diploma, (ITI) Information Technology Institute.
(MCIT) Ministry of Communications and Information Technology,
Mansoura Branch, DevOps Engineering Track.

Education

2015 - 2020

Bachelor's Degree of Civil Engineer, Faculty of Engineering-
Tanta University, with grade Excellent-GPA 3.86 (-A)

Skill Summary

Certifications:

- AWS Certified Cloud Practitioner (CCP). ([Certification-Badge](#))

Technical Skills:

DevOps tools stack:

- Kubernetes.
- Helm.
- Docker (Containerization).
- Prometheus & Grafana (Monitoring tools).
- Ansible (Auto-configuration tool).
- GitHub (Version Control System).
- Jenkins (CI/CD – tools).
- Terraform (Infrastructure as Code).
- SonarQube (code quality check with CI/CD Integration).

Cloud Computing:

- AWS (Amazon Web Service).
- GCP (Google Cloud Platform).

Scripting Tools:

- Shell Script (Bash).
- Python.

Operating System:

- Unix/Linux Administration.

Personal Skills:

- Leadership
- Team work
- Critical thinking

Databases:

- MySQL.

Web-Servers:

- Apache2.
- Nginx.

Other Programs:

- Prezi for presentations.
- Jira Software.

- Listening
- Problem-solving

Projects:

Prometheus & Grafana project:

- Project for monitoring (the resource usage of a cloud virtual machine 'EC2', NodeJS application, containers using 'CAAdvisor') and sends alerts using 'alert-manager' to slack application – And use Grafana for visualize the metrics collected by the Prometheus.
- GitHub Link: [GitHub-Prometheus&Grafana](#)

DevOps – Project:

- Project that contains the deploying of the infrastructure on Google Cloud using Terraform and Jenkins as CI/CD tool which build image of the code in the application repository and deploy it into the private cluster (GKE) through an instance management.
- GitHub link of infrastructure-repo: [GitHub-Infra.-Repo](#)
- GitHub link of Application-repo: [GitHub-App.-Repo](#)

Bake-House Project – CI/CD – Dockerization – Kubernetes:

- Continuous Integration (Building Image for a web app project that is pushed in a remote repo. Of GitHub) and Continuous Deployment on K8S Cluster using Slave-Pod and Groove Script for Jenkinsfile & MultiBranch-Pipeline
- GitHub Link: [GitHub-Jenkins-Project](#)

DBMS – Database Management System:

- A complete simulation of MySQL-DBMS
- GitHub Link: [GitHub-BASH-Project](#)

Book-Shop Website:

- Using Django – HTML
- A localhost site that contains of information about books and company.

Crowd-Fund Console Project:

- Using Python Scripting & Json File.
- Console project that contains of (user:- registration, login & Projects):
- GitHub Link: [GitHub-Console-Project-In-Python](#)

Auto Configuration for Cloud Infrastructure:

- Project used to configure machines (EC2) on AWS using Ansible.

Server Health-Check Project:

- Project used to check the health of the server using Kubernetes.

High available secured web app:

- AWS project using Terraform – IaC – to setup the infra. of web app – In multi-AZ using ALB, public/private subnets and EC2.
- GitHub Link: [GitHub-Terraform-Project-High-Available-Secure-Web-app](#)

Languages: Arabic: Native. / English: Conversational.

WORK EXPERIENCE

Design Masters Consultant Office. 09/2020 – 06/2022
Responsibilities: Structure Analysis & Designer.

Masters Contracting Co. 07/2021 – 10/2022
Responsibilities: Founder, CEO & Financial works.

REFERENCES:

- References available on request