# Abdelrhman Ragab Owais Tawfiq

**LinkedIn:** www.linkedin.com/in/abdelrhman-ragab-030001226          **Phone Number:** 01550886075

**Portfolio:** https://abdelrhman1ragab2.github.io/portfolio          **Email:** abdelrhman1ragab2@gmail.com

**GitHub:** https://github.com/Abdelrhman1Ragab2

## Career Objective

Junior DevOps Engineer with a strong understanding of the SDLC, adept at designing and deploying CI/CD pipelines using tools like Docker, Kubernetes, Ansible, Jenkins, and Terraform, confident in applying knowledge from NTI and ITI training to drive innovation.

## Eudication

Helwan University - Bachelor in Electronics and Communication Engineering - Computer Department

- **Related Courses**: Software Enginer - Network - Data structures and algorithms.
- **Grade: good**                                                                                     **2017 – 2022**

## Training

- Devops and Automation initiative at National Telecommunication Institute          **2024**
- Android Development training at Information Technology Institute          **2022**
- Flutter Development training at SimpleLife          **2021**
- Cybersecurity training at Helwan University          **2020**

## Projects

- **Aws ServiceLess**                                                                                     **2024**

  created a dynamic website with a serverless architecture. To do this, a number of AWS services including AWS Lambda, AWS CodeCommit, AWS Amplify, Amazon S3, AWS API Gateway, and Amazon DynamoDB.

- **Microservice-Based Website**                                                                 **2024**

  used Kubernetes to develop a dynamic microservice-based website. Several pods needed to be managed, including a worker pod for data flow and operations, a voting page, a result page,Postgres, and Redis. Additionally, the project sought to provide high availability through the use of ingress in K8s for hostname-based routing and the implementation of a replicaset.

- **Reverse proxy- Terraform**                                                          **2024**

  Used Terraform to provision and manage a reverse proxy on AW, this included creating a VPC, subnets, a load balancer, EC2 instances, an S3 bucket, and a DynamoDB database.

  while utilizing modules, variables, outputs, and a remote backend to save the Terraform state.

- **Rayban   - Contracting company website**                                              **2023**

  Developed a website for Rayban Construction Company using Flutter framework and Firebase, following the MVC architecture pattern.

- **Smart Student Attendance System -**system aims to facilitate the attendance process       **2022**

  Developed a Smart Students Attendance System to facilitate the attendance process, leveraging technologies such as Flutter, Firebase, QR code scanning, local file storage, and face authentication.

- **Other projects** : Todo Desktop app,Chatt App,Bookly app,Car controling app

## Technical Skills

- **Programming Languages**: Dart, Java, python, c++
- **Scripting language**: bash script
- **Technologies and tools**: •   Docker - Kubernetes
  AWS Terraform - Ansible - Flutter, Firebase,
- **Database** :SQL - NoSQL

## Soft Skills

- Leadership
- Communication
- Problem Solving
- Time Management
- Collaboration
- Adaptability

## Certification

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|---|---|
| ● Linux operating system administration | Mahara tech |
| ● Red Hat system administration I | Mahara tech |
| ● Kubernetes for the absolute beginner | KodeKloud |
| ● Terraform Basics Traning cource | KodeKloud |
| ● Deep dive clean architecture in Flutter | Udemy |
| ● Flutter Advanced Course and MVVM Pattern | Udemy |
| ● Flutter & Dart Complete Development course | Udemy |

## References

- **available upon request.**