

# Mohamed Halfawy

## Software Engineer

Passionate Software Engineer who enjoys daily challenges, critical thinking, and problem-solving. A top-of-class graduate adept at working across departments, with faculty, administrators, and students with a record of academic success. Eager to learn new technologies, know in-details about their underlying concept, and participate in the latest technologies.

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📄 [mohamedelhalfawyy.github.io/Halfawy\\_Portfolio/](https://mohamedelhalfawyy.github.io/Halfawy_Portfolio/)

🐙 [github.com/mohamedelhalfawyy](https://github.com/mohamedelhalfawyy)

## EDUCATION

### Bachelor's Of Computer Science (B.CS.)

Arab Academy For Science, Technology & Maritime Transport

09/2018 - 07/2022

Alexandria, Egypt

#### GRADE

- 3.77 (Excellence With honors)

## WORK

### Data Engineer (Python Developer) (07/2022 - Present)

- I work as a data scientist at VlyTix. Skills I have used and gained experience in are: SQL/Python/AWS/API-Integration

### Freelance On Upwork (07/2019 - 06/2022)

- I have been working as a freelancer on Upwork for 3 years doing multiple online/offline projects with different programming languages mainly Flutter, Java, JavaScript, SQL, Firebase and etc..

### Zoe Movie Rental (12/2022 - 01/2023) [🔗](#)

- A movie Rental website using ReactJS as frontend and NodeJS & ExpressJS as the backend and mongoDB as the database for the project

### BitsForDigits Website (Modifications) (10/2020 - 12/2020) [🔗](#)

- Migrate the database to Firebase and adjust the Front-end of the website interface using webflow

### File\_It Application (08/2021 - 08/2021)

- An app project i made for a client that makes it easy for the user to organize and save all his docs,pictures,videos in one place it's published on Google Play and app store

## GRADUATION PROJECT

### Daisy Voice controlled robot application/Team Leader

Arab Academy For Science, Technology & Maritime Transport

06/2021 - 06/2022

The project idea is to make an autonomous voice-controlled vehicle that can be totally controlled through a mobile application. The application was made with a flutter/dart that provides voice/manual control for the vehicle and also supports CNN face recognition and object detection being interactive and smart. The purpose of the project is to make a robot that can transfer food/water/medicine from the doctor or nurse to the patient with no interaction so no infection would be transferred as has happened in Covid-19.

## SKILLS

JavaScript

Java

Flutter

Dart

Firebase

HTML

CSS

NodeJS

Python

DJANGO

REST Framework

React

Angular

SQL

MYSQL

SQL SERVER

Docker

AWS

Git

RESTAPI

PROBLEM SOLVING

OOP

Data Structures & Algorithms

SOLID Principles

## INTERNSHIPS

### Software Engineer at Vodafone - Egypt (07/2020 - 10/2022)

At Vodafone's Internship i have learned how to work as a team how to deploy projects how to solve programming problems at a young age .

## CERTIFICATES

### Certificate of Algorithmic Toolbox - University of California San Diego (08/2022 - 09/2022)

Certificate URL:

<https://www.coursera.org/account/accomplishments/verify/5S5XBJJ24YYX>

### Certificate of Front-End Web UI Frameworks and Tools: Bootstrap 4 - The Hong Kong University of Science and Technology (08/2022 - 09/2022)

Certificate URL:

<https://www.coursera.org/account/accomplishments/verify/BN5WCSX867Y3>

### SQL for Data Science - University of California, Davis (09/2022 - 10/2022)

Certificate URL:

<https://www.coursera.org/account/accomplishments/verify/UMFP2M7AL6A9>

## LANGUAGES

ARABIC

Native or Bilingual Proficiency

ENGLISH

Full Professional Proficiency

## MILITARY STATUS

Exemption From Military Service