

Youssef Mohamed

Software Engineer

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📍 Alexandria, Egypt

🛡 Exemption

🌐 LinkedIn

🐙 Github

🔗 LeetCode

EDUCATION

Bachelor Computing and Data Science, Alexandria University
CGPA : 3.2

2019/09 – 2023/07 | Alexandria, Egypt

PUBLICATIONS

Research paper on Smart Equipment for Assisting Blind,
International Journal of Computer Science and Information Security

2023/11/07

EXPERIENCE

Freelance Software Developer

2023/08 – present

- Conceptualize, architect, and execute end-to-end development of diverse web applications.
- Develop an E-Learning web application, serving as an online educational hub facilitating instructors in extending course invitations to students for both live and recorded sessions. Additionally, it provides a platform for students to undertake lesson exams. Moreover, the application empowers instructors with tools to track and analyze student performance metrics.
- Develop an online platform designed to streamline the process of scheduling TV appointments for company's employees. This system help employees to book and manage their TV interview schedules, while providing the owner with complete control over the system.
- Develop an application for a trading education academy, featuring personalized dashboards for individual users to seamlessly monitor their sales performance and rankings. Additionally, incorporate a dedicated binary tree for each user and it's team. Organize learning videos into categorized playlists for enhanced accessibility

Trainee at RMZTech

2021/08 – 2021/09 | Alexandria, Egypt

Focus on technical processes and software patterns such as MVC

SKILLS

- | | | |
|-------------------------------|---------------------------------|-------------------------------|
| • Java - Python - JavaScript | • Data Structure and Algorithms | • Object Oriented Programming |
| • SQL (MySQL - SQLite) | • Django - Flask | • Software Design Patterns |
| • HTML - CSS | • Node.js - Express.js | • Pandas and NumPy |
| • Machine Learning Algorithms | • AJAX | • Problem Solving |
| • Git | • REST APIs | |

CERTIFICATES

- | | |
|-------------------------------|---------------------------|
| • Professional Data Analysis | • Database Fundamentals |
| • Advanced Learning Algorithm | • Meta Back-End Developer |

PROJECTS

Blind Assistance System (Graduation Project)

2022/09 – 2023/05

The developed system is a blind assistance technology that simulates smart glasses to assist the visually impaired person in his daily life

- deep learning - python - flutter

Egy estate website

2022/12 – 2023/05

The platform offers insights into the Egyptian housing market, enabling users to predict house prices based on specific details.

- machine learning - Django - sqlite - java script - html/css

Data Structure and Algorithm

2020/05 – 2020/06

To identify the character that occurs the most frequently and determine its frequency count in each text

- java

Building a database for car battery store

2020/12 – 2021/02

The project involves creating a database schema that accurately represents the relationships between entities and designing tables with appropriate data types and constraints.