

# Omnia Mohamed Ahmed

## Software Developer

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## Career objectives

I aspire to expand my knowledge and expertise in the fields of computer software engineering, computer systems, and back-end development. My goal is to pursue new and challenging opportunities in a reputable company that specializes in software engineering and development. I am focused on enhancing my skills and gaining valuable experience in a dynamic and innovative work environment.

## Education

Sep 2019 - Jun 2023

### Medical Informatics

Faculty of Computer Science And Artificial Intelligence, Helwan University

- Cumulative GPA: 3.5
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## Experience

### - Academic projects

I completed several academic projects during my four years in college. It tested my software engineering skills and challenged me to develop an innovative solution to a real-world problem.

- **Dental Implant identifier full website (Graduation project)**

As a key member of my graduation project team, I was responsible for the development and implementation of the **back-end** using **API's** and the **Django REST framework**, which enabled efficient communication with the front-end and seamless integration of various features.

### -Internships

Aug 2022 – Oct 2022

#### Data Science Intern

Orange Digital Center , Cairo ,Egypt

- hands-on experience in SQL querying
- Analysis and Machine-Learning projects on real data sets (python)

Feb 2023 – May 2023

#### Data Analysis Intern

Information Technology Institute (ITI) ,Cairo , Egypt

- Analysis and Modelling skills specially (Data preprocessing)
- Visualization with power-BI

## Skills

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### Technical skills

- Python programming (OOP , Data structure)
- Django-Rest framework (Back-End)
- Data base fundamentals and Relational Database
- Experience in developing REST APIs
- Data Analysis
- SQL
- Coding problem solving
- Capable of using operating systems and Microsoft office Application

### Soft skills

- Presentation And Researching skills
- Critical thinking skills
- Ability to work collaboratively
- Creativity And Innovation

## Courses

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- Database Fundamentals - Mahara-Tech
- Machine Learning with Scikit-learn – Data Camp
- Advanced SQL – Data Camp
- Java Workshop - DSC
- Freelancing-Basic - Mahara-Tech

## Extra-Curricular Activities

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- DELL Technology “ Empower Your Future “ Workshop
- Member at ICPC Community (problem solving in coding ).
- Member at DSC in Helwan University (Training java language )
- Member at MSP Student activity (Soft Skills) .

## Familiar with

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- Front-End (Angular framework)
- Agile work environment
- Power-BI visualization