

Nader Mamdouh Shaker (Software Developer)

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SUMMARY

I am a **Software Developer** with a **bachelor's degree in computer and Artificial Intelligence** from Helwan University. Skilled in **Web Technologies** with a proven track record in developing robust applications, including **E-commerce platforms, management systems** and **Digital Library for Helwan University**. Passionate about web development, eager to take on new challenges, and committed to clean code and innovative solutions. Seeking an opportunity to grow with a dynamic and collaborative team.

SKILLS

Programming Languages

Python, Java, C, JavaScript,
HTML/CSS

Web Technologies

Back-end Developer,
Front-end Developer

Database Management

MySQL, SQL, MongoDB

Frameworks

React JS, Node JS, Express

Version Control

Git, GitHub

Communication & Interpersonal

Effective communication (AR & EN)
Ability to lead and manage projects
Decision-maker & problem-solver

EXPERIENCE

Scientific Computing Center (SCC) | Full Stack Developer

Helwan University | 06/2023 – 06/2024

- implemented from scratch 3 projects:
 - Digital Library System
 - Application System for Postgraduate Studies
 - Distinctive Program Application System for the Faculty of Law

Mham - مهام الخليج | Back End Developer

Remotely | 03/2024 – 06/2024

- Collaborated with a team to solve compatibility problems, eliminate technical issues and update development process records

EDUCATION

Helwan University | Bachelor of Computer and Artificial Intelligence

Helwan | 08/2020 – 06/2024

- Major in **information system**
- Minor **computer science**
- GPA: **3.00/4.00**
- Graduation project: **Excellent (99%)**

PROJECTS

Digital Library System | Associated with Helwan University

Helwan | 09/2023 – 12/2023

- The library serves a large segment of beneficiaries, such as faculty members, graduate students, and undergraduate students, in addition to other research and educational institutions such as private and private universities and educational institutes. As well as scientific magazines and periodicals inside and outside the university
- The System has **6 views**:
 - The user can apply for any of the eight available services and communicate with the library through the site's chat and many other features to facilitate service request and communication.
 - There is an admin for each service and employees who are divided into (examiner and reviewer) and an employee who specializes in payment codes and they have many features such as distributing requests among them, controlling the employee's powers, communicating between them and users, printing various reports on the need and many other features, and finally the library manager who manages the employees and service managers on the site. Adding important events for users

System for Postgraduate Studies | Associated with Helwan University

Helwan | 07/2023 – 8/2023

- The System has 4 views: The applicant is granted the right to apply for any program in all faculties of Helwan University once per semester to upload all attachments required for the chosen program, follow up on the status of his application, and modify his data or attachments if requested to do so. The faculty employee adds the departments and programs of his faculty, receives the sent applications, and can return the application for modification by the applicant or rejection or acceptance to the applicant, after acceptance, the application is sent to the university employee for final acceptance. Finally, we have a super admin to manage all of this.

Application System for the Faculty of Law | Associated with Helwan University

Helwan | 07/2023 – 8/2023

- Created a dedicated application system for managing applications to the distinctive programs offered by the Faculty of Law.
- Focused on providing a streamlined and efficient application process for prospective students.

Live Chat Website | Personal project

Localhost | 04/2024

- live chat website enabling real-time communication between users.
- Provided features to display user status (online/offline) and indicate when users are typing.
- Focused on delivering a seamless and responsive chat experience, ensuring high performance and reliability.