

Mahmoud Ragab Omara

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Phone: +20 127 8224 761

Location: Cairo, Egypt

Education:

Helwan University, BSc Computer Science and Artificial Intelligence (2024).

Languages:

-Arabic (Native)

-English (Very good)

Skills:

PHP, Python, JavaScript, Node.js, mySQL, SQL, MongoDB.

General knowledge:

HTML, CSS, Bootstrap, React, C, Java.

Projects:

Booking Appointment System [MAY/2023 - JUL/2023] [\[click for GitHub repo\]](#)

- Developed a comprehensive booking system to facilitate appointments between professors and students for certification assessments. The system allows students to schedule appointments based on available slots, make payments securely, and provide reviews for their instructors post-assessment. Additionally, instructors have the capability to post announcements, generate discount coupons for exam fees, and provide feedback to students..
- Designed and developed the backend functionality using Node.js and Express.js, ensuring efficient data flow and secure API endpoints for communication between the client and server.
- Implemented MongoDB for database management.
- Implemented user authentication and authorization mechanisms to ensure data security and user privacy.
- Collaborated with team members with Git/GitHub to troubleshoot issues, optimize performance, and implement new features based on user feedback and project requirements.

Software Teacher Assistant (S.W.T.A.) [JUL/2022 - OCT/2022]

- Designed and customized a Bootstrap template (sb-admin 2.0) with modifications using JavaScript for improved user experience.
- Developed a full PHP back-end for data transfer and logical workflow, resulting in increased efficiency.
- Managed a MySQL database on XAMPP local server, resulting in reduced data retrieval time.
- Worked alone to continuously improve the project until deployment, resulting in a nearly bug-free software.

Off-road assistance (Sal7ly) [MAY/2022 - JUN/2022]

- Contributed to the development of a custom front-end using HTML, CSS, and JavaScript as part of a team project, resulting in improved user engagement.
- Designed and implemented a full PHP back-end for data transfer and logical workflow, resulting in increased accuracy and efficiency.
- Managed the project database using MySQL on XAMPP local server, resulting in reduced data retrieval time.
- Completed the project within a tight deadline with a high satisfaction rate from project stakeholders.

Certificates:

- [Python Programming Basics from ITI platform \(Mahara-Tech\).](#)
- [Building Web Applications using PHP & MYSQL from ITI platform \(Mahara-Tech\).](#)
- [The Complete Node.js Course \(RESTful Web Services with Node.js, Express, and MongoDB\).](#)
- [JavaScript from ITI platform \(Mahara-Tech\).](#)
- [Modern JavaScript: ES6 and beyond from ITI platform \(Mahara-Tech\).](#)
- [Introduction into MongoDB from ITI platform \(Mahara-Tech\).](#)
- [The principles of writing clean code from ITI platform \(Mahara-Tech\).](#)