

Mohamed Ahmed Abdelghany

Backend Developer

(+20) 01025435043 | 5th. Maadi, Cairo, Egypt
moabdelghany77@gmail.com | [LinkedIn](#) | [Portfolio](#) | [GitHub](#)

Objective

Leverage my expertise in backend development using PHP and Laravel to create high-performance, scalable, and secure web applications. My focus is on implementing robust backend architecture, optimizing database performance, and delivering user-centric solutions within collaborative and agile environments.

Education

Bachelor of Computer Science

Faculty of Computers and Artificial Intelligence-Cairo University (2020-2024)

Grade: Good

Relevant Coursework: Web Development, Database Systems, Object-Oriented Programming, Software Engineering, Data Structure

Work Experience

Plant Store E-Commerce Platform

Technologies: PHP, MySQL, OOP

- Developed a secure and scalable e-commerce platform for a plant store using PHP and MySQL.
- Applied OOP principles to create a modular and maintainable codebase.
- Implemented user authentication, input validation, and CRUD operations for product and cart management.
- Designed a responsive user interface with light and dark themes and enhanced user experience.

Student Affairs Management System

Technologies: PHP, MySQL

- Developed a secure student management system featuring session-based authentication and CRUD functionality.
- Enabled efficient management of student records (name, email, GPA, department) with a user-friendly interface.
- Improved security by implementing login-based authentication, restricting access to authorized users only.

- Designed a responsive, clean table layout for better user interaction and data presentation.

Garage Parking System

Technologies: Java, OOP

- Designed and developed a comprehensive garage management system using Object-Oriented Programming (OOP) principles.
 - Created UML diagrams and applied SOLID design principles to ensure maintainability and scalability.
 - Achieved 100% test case coverage through thorough testing, ensuring robust system functionality.
 - Built a user-friendly interface to facilitate easy navigation and management of garage data.
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SKILLS

Programming Languages: PHP, Python, JavaScript, OOP, Data Structure.

Frameworks & Tools: HTML, CSS, MySQL, Laravel, UML, MVC, RESTful APIs, SOLID Principles, Linux, Networks, Git & GitHub, Agile Development

Soft Skills: Problem-solving, Team Collaboration, Presentation, Open to learn.

Certifications & Courses

- Orange Certified Backend Diploma (PHP) - Orange Digital Center Egypt
 - Building Web Applications using PHP & MYSQL– Mahara Tech – ITI
 - Database Fundamentals – Mahara Tech – ITI
 - Introduction to Network Security – Mahara Tech – ITI
 - Computer Network Fundamentals – Mahara Tech – ITI
 - Software Development Process – Udacity
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