

# Mohamed Ahmed Abdelghany

## Backend Developer

### CONTACT

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### 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 collaboration.

### EDUCATION

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

Bachelor of Computer Science **Grade:** Good

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

### PROFESSIONAL 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.
- Built a user-friendly interface to facilitate easy navigation and management of garage data.

### 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.

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

### CERTIFICATES

**Certified Backend Diploma (PHP) | 2022**  
Orange Digital Center

**Network Security | 2023**  
Mahara Tech – ITI

**Building Web Applications using PHP & MYSQL | 2024**  
Mahara Tech – ITI

**Software Development Process| 2023**  
Udacity