# Mohamed Ahmed Abdelghany

# **Backend Developer**

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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

## **Clinic Management System**

Technologies: PHP, MySQL, Bootstrap

- Developed a secure backend system for managing appointments, patients, and medical records.
- Implemented role-based authentication, restricting access to doctors only.
- Designed an optimized database schema to store patient details, health conditions, medicine, and doctor notes efficiently.
- Integrated server-side validation and CRUD operations, ensuring data integrity and secure record management.

#### **Restaurant Reservation**

Technologies: Laravel, PHP, MySQL, Bootstrap, MVC

- Developed a web application enabling users to book tables, order food, and manage carts with user authentication and role-based access control.
- Designed an admin dashboard for real-time management of menus, bookings, and user roles.
- Implemented user authentication and input validation.

### 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.

**SKILLS** 

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

Frameworks & Tools: HTML, CSS, MySQL, Laravel, WordPress, 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

Network Security | 2023

Orange Digital Center

Mahara Tech - ITI

Building Web Applications using PHP & MYSQL | 2024

Mahara Tech – ITI

Software Development Process| 2023 Udacity