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 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

Student Affairs Management System
Technologies: PHP, MySQL, HTML, CSS, JavaScript

- 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.

Supermarket Database Management System
  Technologies: MySQL, C#

- Developed a supermarket management system that automated product management, reducing manual effort.
- Implemented CRUD operations and designed ERD models to maintain data consistency and streamline database interactions.
- Enhanced data management and reporting, contributing to improved decision-making processes.

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