Mohamed Ahmed Abdelghany
Backend Developer

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OBJECTIVE

Passionate backend developer with a strong foundation in Computer Science and hands-on experience developing secure web applications using PHP, Laravel, and MySQL. Seeking to leverage my expertise in backend architecture, RESTful APIs, and database optimization to contribute to innovative web solutions while continuing to grow my skills in software engineering and system design..

EDUCATION

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

Relevant Coursework: Web Development, Database Systems, OOP, Software Engineering, Data Structure

PROJECTS

E-Commerce Platform
Technologies: Laravel , PHP , MySQL, Bootstrap 5, JavaScript, OOP, MVC
- Developed a full-featured e-commerce platform with a product catalog, shopping cart, and secure checkout system Applied input validation, CSRF protection, and security best practices.
- Utilized Laravel's Eloquent ORM for efficient database operations and relationships
- Implemented role-based authentication with separate user and admin interfaces
- Created a comprehensive admin dashboard for inventory management, order processing and analytics

Clinic Management System
Technologies: Laravel, 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.

Expense Tracker system
Technologies: Laravel 12, PHP 8.2, MySQL, Bootstrap 5, Chart.js, FullCalendar.js
- Comprehensive financial management system with real-time expense tracking, budget planning, and savings goals.
- An interactive dashboard with dynamic charts, financial analytics, and personalized insights for better money management.
- Advanced features include category management, recurring transactions, financial reports, and multi-currency support.

PROFESSIONAL EXPERIENCE

Backend Developer Intern (Sep 2024–Nov 2024)   Orange Digital Center [Cairo, Egypt]
- Developed RESTful APIs using PHP and Laravel for web application projects, enhancing functionality and user experience.
- Collaborated with a team to design and implement backend solutions, ensuring secure and efficient data handling.
- Optimized API performance through improved database queries and code refactoring.
- Gained hands-on experience in Agile workflows, participating in team meetings and code reviews.

SKILLS

Programming Languages: PHP, 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 (PHP) | 2024   **Software Development Process | 2023**

Orange Digital Center   Udacity