Mohamed Ahmed Abdelghany

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OBJECTIVE

Motivated and detail-oriented back-end developer with a solid foundation in server-side development, database management, and API integration. Passionate about building scalable and secure web applications. Seeking full-time opportunities to leverage my skills in PHP and modern frameworks like Laravel to contribute to innovative software engineering projects in a collaborative environment.

EDUCATION

Bachelor of Computer Science
Faculty of Computers and Artificial Intelligence, Cairo University
2020-2024
Grade: Good

SKILLS

Technical Skills:

- Programming: Python, C++, Java, PHP, HTML, CSS, JavaScript, MySQL, Laravel
- Tools & Frameworks: Django, Excel, Git & GitHub, OOP, SOLID Principles, UML
- Databases: Database Management Systems, SQL

Soft Skills:

- Problem Solving
- Teamwork and Collaboration
- Presentation and Negotiation Skills
- Ability to Work Under Pressure

Certifications:

- Software Development Process – Udacity.
- Mahara-Tech Certified Database Fundamentals - MaharaTech – ITIMooca.
- Udemy Certified the C++ Learning Guide. – Udemy.
- Programming Foundations: Fundamentals – LinkedIn.
- HTML Essential Training – LinkedIn.

- CSS Essential Training – LinkedIn.
- Programming Foundations: Databases – LinkedIn.
- HTML & CSS - Certification Course for Beginners – Udemy.
- Complete Introduction to Cybersecurity 2022 – Udemy.
- Data Analyst with Python – Data Camp.
- Orange certified Backend diploma - Orange Digital Center Egypt.
- Udemy-certified Fundamentals of Network Security – Udemy.
- IBM Certified Data Visualization and Dashboards with Excel and Cognos – IBM.
- IBM Certified Data Analytics – IBM.
- IBM Certified Databases and SQL for Data Science with Python – IBM.

EXPERIENCE And PROJECTS

Early Warning Prediction System
Developed Using Python and Pandas

- Built a dashboard for studying the company's performance using Data Visualization techniques.
- Predicted future company profits, enabling early decision-making.

Parking Garage System
Developed Using Java

- Designed and implemented a comprehensive software system following Object-Oriented principles.
- Applied UML, and SOLID design, and conducted software testing.

Supermarket Database Management System
Developed Using MySQL and C#

- Created database structures (ERD, ER models) and built a Windows Form application.
- Implemented CRUD operations (e.g., adding, deleting, sorting products).

Admin Panel for Lawyer's Office
Developed Using HTML, CSS, PHP, and MySQL

- Built an admin panel with secure login and CRUD operations for lawyers and articles.

Plants-Store E-commerce Website
Developed Using PHP, Laravel, SQL

- Designed an e-commerce site where customers can view, add, and purchase products.
- Integrated CRUD operations for plant products management.

Admin Panel for Student Affairs Office
Developed Using Django and SQLite

- Implemented a panel to manage student records, offering CRUD operations for administrators.

LANGUAGES

- **Arabic**: Native
- **English**: Very Good