

Mohamed Abo-Elsoud

Web Developer Full Stack(PHP)

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PROFILE

Full-Stack PHP Developer with a solid foundation in **PHP** and **Python**. Focused on building scalable web applications, writing **Clean Code**, and designing efficient **SQL databases**. Committed to professional excellence and delivering high-quality web solutions using modern frameworks.

Current Learning Path & Growth :-

- **Advanced PHP Development:** Deepening expertise in **PHP** and the **Laravel** ecosystem to build robust and secure back-end systems.
- **Full-Stack Integration:** Mastering the integration between **PHP** backends and modern frontend technologies for a seamless user experience.
- **System Design:** Exploring architectural patterns to improve web application reliability and scalability.
- **Database Optimization:** Learning advanced indexing and query optimization techniques specifically for **MySQL**.
- **Cloud & DevOps:** Exploring tools related to backend deployment, server management, and scalability.

EDUCATION

zagazig university -Faculty of Computer Science

- **Problem Solving & Logic:** Developed a strong logical foundation using **C++**, focusing on solving complex problems through **Algorithms and Data Structures**.
- **Software Engineering Fundamentals:** Mastered **Object-Oriented Programming (OOP)** principles to write clean, reusable, and efficient code.
- **Database Management:** Gained expertise in **Database Design and SQL**, including schema architecture and data manipulation.
- **Web Foundations:** Acquired hands-on experience in building the core of web applications using **HTML5, CSS3, and JavaScript**.
- **Programming Versatility:** Leveraged **Python** for versatile scripting and backend logic development.

National Telecommunication Institute (NTI) Full-Stack Web Development (PHP Track)

- **Intensive Training Program:** Completed an intensive professional training focused on modern full-stack web development.
- **Backend Development:** Mastering **PHP** and **Laravel** framework for building secure, scalable, and high-performance server-side applications.
- **Frontend Technologies:** Building responsive and dynamic user interfaces using **HTML5, CSS3, JavaScript, and Bootstrap**.
- **Database Systems:** Gained proficiency in designing and managing **MySQL** databases, including advanced query optimization.
- **Collaborative Projects:** Developed and deployed end-to-end web applications, demonstrating the ability to work within professional development workflows.

SKILLS

Technical Skills :

- **Programming Languages:** Python, JavaScript, C++,php.
- **Web Development:** HTML5, CSS3, React.js (Front-end), Node.js (Back-end).
- **Data & Logic:** SQL Database Design, Algorithms & Data Structures
- **Software Principles:** Clean Code, Object-Oriented Programming (OOP).
- **Cybersecurity:** Network Security Fundamentals, Secure Coding Practices, Data Protection.

Soft Skills :

- **Effective Communication:** Highly social and able to articulate technical ideas clearly to both technical and non-technical team members.
- **Team Collaboration:** A proactive team player with a professional mindset, comfortable working in fast-paced, collaborative environments.
- **Problem-Solving:** Strong analytical thinker with a dedication to finding efficient and scalable solutions.
- **Adaptability:** Eager to learn new technologies and grow within challenging development roles.

LANGUAGES

Arabic :

- Native speaker.



English :

- Professional Working Proficiency.

