Software developer
Mona Abdel-Mohsen Mohamed

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PROFILE

Back-end Developer specializing in PHP with comprehensive full-stack development experience through ITI Assiut Branch. Proficient in native PHP and the Laravel PHP framework, with a proven track record of developing and deploying robust web applications.

EDUCATION

Assiut university   Assiut, Egypt

- Bachelor's Degree of **Computers and Information**   22/07/2023
  - Interested **Back End**
  - Interested some field **in Ai**
  - Interested any **new Technology as Software**

INTERNSHIPS

ITI (Full Stack Developments using PHP and Angular)   Assiut, Egypt

PROFESSIONAL EXPERIENCE

Ahmed Dief-allah International School   Assiut, Egypt

- *AI & Machine Learning & Embedded Systems Instructor*   currently
  - Teach Basics of programming for students
  - Teach basics of AI & Machine Learning & Embedded Systems
  - Like **cleaning and Analyse Data and train model using** (Decision tree, Linear Regression) and did small project on it .
- **Embedded Systems**
  - **Electrical Circuits and Microcontrollers:** Applied fundamental concepts to design and implement projects involving Smart Home, Smart City, and Car Robot systems.
  - **Automation and Control:** Utilized Arduino and various sensors (ultrasonic, humidity, soil, temperature, light) to automate and control systems, including water pumps.
  - **AI and IoT Integration:** Developed and integrated AI models with IoT solutions using C and Python, including fire detection systems and automated water pump controls.

SKILLS

- **HTML5, CSS3, Bootstrap, JS, jQuery, ES6, Angular, Git & GitHub, Doker**
- **Database Design, MySQL, MongoDB, PHP, Laravel framework**
- **Linux, Apache, C++, C#, python, R, Go**

ADDITIONAL PROJECTS

- **Job Board:** Developed job board website using HTML, CSS, JS, Laravel framework.
- **Cafeteria:** Developed cafeteria website using HTML, CSS, JS, native PHP(OOP MVC).
- **Games:** Developed a games website using HTML, CSS, JS, API.
- **Etsy:** Developed an e-commerce website using HTML, CSS.
- **Graduation project:** Developed a student housing (Sakny) (website as a team, and my role was back-end using **PHP Laravel**, **Livewire**, **PHP myadmin**, **MySQL**.

- **Facebook :** Developed a Facebook website as a team, and my role was back-end using **native PHP, PHPmyadmin, MySQL.**
- **Ecommerce:** Developed a simple e-commerce website individually, using **HTML, CSS, PHP, PHPmyadmin, MySQL.**