

Curriculum Vitae | of **Diaa Mohammad**

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Born in **1989** - Nationality **Egyptian** - Marital status: **Married**

Senior PHP developer with great passion for **web development** since **2019**.

*"Choosing to hire me is a smart move, and over time,
I'll prove to be an invaluable asset you'll be glad to have on your team."*

Stack: Linux - Docker - git - ansible - php 8.4 - Laravel/SlimPHP - ReactJS - PostgreSQL
jQuery - Bootstrap - HTML5
Find more: dmohammad.com

SKILLS

PHP, PostgreSQL, git, jQuery, Bootstrap, HTML5	7 years
REST API, Shell scripting	6 years
Linux, Laravel, Docker, Redis	5 years
ReactJS	1 year
Shopify, PrestaShop, WordPress & WooCommerce	decent knowledge

Main projects: Education field (institutes, schools, scholarship entities, and online courses), CRM, integration of payment systems.

EDUCATION

Politecnico di Milano	Milan, Italy
MSc degree in management engineering	March 2017 - April 2021
Fayoum University	Fayoum, Egypt
BSc degree in industrial engineering	Sep. 2006 - May 2011

COURSES

ITIL Foundation Certificate	Milan, Italy
IT Service Management	December 2020
OSHAcademy	Oregon, United States
OSH Professional Program	Nov. 2012 - Oct. 2013
132-HOUR OSH PROFESSIONAL PROGRAM (<u>online courses</u>)	

LANGUAGES

Arabic	Mother tongue
English	Fluent
Italian	Fluent
French	Basic knowledge (grammar, reading, writing)

WORK EXPERIENCE

Sept. 2020 - now

Sinapto | Milan

Web Developer (PHP)

- PHP developer
 - ✓ Working as part of a team in programming applications that are often web-based for clients.
- **Key duties**
 - ✓ Analyze business and technical requirements, providing accurate effort estimates and contributing to project planning and delivery timelines.
 - ✓ Design, develop, maintain, and troubleshoot web applications using **PHP 8.x**, with experience delivering projects both in custom PHP frameworks and **Laravel**.
 - ✓ Develop responsive front-end interfaces using **HTML5, Bootstrap, jQuery, and ReactJS**, ensuring cross-browser compatibility and usability.
 - ✓ Design and optimize database structures and queries in **PostgreSQL**, focusing on performance, scalability, and data integrity.
 - ✓ Integrate and maintain **REST APIs**, third-party services, and external platforms, ensuring reliable data exchange and system interoperability.
 - ✓ Utilize **Git** for version control, code collaboration, branching strategies, and release management within team environments.
 - ✓ Work within **Linux**-based environments, leveraging **Shell scripting** to automate deployment, maintenance, and operational tasks.
 - ✓ Collaborate on application deployment and infrastructure management using **Docker**, CI/CD pipelines, and staging/production environments.
 - ✓ Implement caching and performance optimization strategies using technologies such as **Redis**, improving application responsiveness and scalability.
 - ✓ Review code produced by junior developers, providing technical guidance, enforcing coding standards, and promoting best practices.
 - ✓ Refactor and optimize existing codebases to improve maintainability, readability, extensibility, and overall application performance while reducing technical debt.
 - ✓ Apply secure coding practices and web security principles, including prevention of common vulnerabilities such as **XSS, CSRF, and SQL injection attacks**.
 - ✓ Produce and maintain technical documentation covering application architecture, integrations, deployment procedures, and development workflows.

July 2020

Unique Web Studio | Mariano Comense

Web Debugger

- Resolving both back-end and front-end issues by working on the code base of the following applications.

E-commerce: *Shopify, Shopify Apps, PrestaShop, WP -> WooCommerce, Web Hooks*

Sept. 2019 - April 2020

Electro Adda S.p.A. | Electrical & Electronic Manufacturing

Web developer

Project: **il Configuratore** (<http://configuratore.electroadda.com>)

- Design and development of the company digital platform for its technical catalogs and products
- Entire development of the Configurator website using the following:
- **DB: MySQL 8.0 -> phpMyAdmin, Server-side: PHP 7, Front-end: JS (AJAX), HTML, CSS (Bootstrap 4)**

EXTRA-CURRICULAR ACTIVITY

March 2018 - July 2018

Project title: SMED analysis at Ghelfi Ondulati s.r.l.

- Increase the efficiency and productivity of the system/plant.

June 2014 - Jan. 2017

Research and teaching assistant:

Mechanical Engineering dept. at the AUC "American University in Cairo"

- Assisting the professor and preparing the educational materials.

April 2015 - July 2016

Polymers lab, research activity at the AUC "American University in Cairo"

- Improving and designing catering products based on their composition of bio-degradable materials

March 2013 - June 2014

Machine maintenance engineer at GAEB, Egypt

- Keeping records and supervising of maintenance operations of GAEB machines and tractors