Alaa Dawood

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Professional profile

I am a Backend Software Engineer. I have experience in web development using PHP, Laravel and MySQL. I study computer science fields and keen on learning modern technologies.

Experience

- ➢ **Jun 2024 – Present:** Backend Software Engineer – Codumatic
  - ❖ **Apr 2024 – Jun 2024:** Software Engineer Trainee – Codumatic
- ➢ **Feb - Apr 2024:** Software Engineer Trainee – Msar Web
- ➢ **Jan - Nov 2023:** IT Support Engineer – Egyptian Airborne Forces
- ➢ **Aug 2022:** Junior Management Consultant – Conesult

Education and Qualification

- ➢ **Education**
  2017 – 2022: Bachelor Degree of Computer Science and Engineering - Faculty of Electronic Engineering Menoufia University. Grade: Very Good

- ➢ **Certificates**
  - ❖ Microsoft Certified: Azure Fundamentals at Mar 2022
  - ❖ Full-Stack Development Track- 1 Million Arab Coders Initiative on Udacity

- ➢ **Summer Training**
  Aug 2021: Cairo Oil Refining Corporation – light current Surveillance System

Projects

- ➢ **Sun3ty**
  It is an e-commerce website that allows handcrafters to sell their goods. I worked on this project using the Laravel framework. It has a dashboard for delivery and makers. Admin can monitor and control all aspects of the website and has an email system. Delivery can manage cash on delivery orders and the payments for admin and makers.
- ➢ **Delivery 30**
  It is a delivery system that allows users to subscribe to delivery schemes according to their needs. I collaborated in this project and was responsible for the mail system. I used Laravel schedule to make schedule for subscriptions that are about to end in the next few days. And I made a sending mail for admin to send mails for all users, users with active subscriptions or specific users by their email address.
- ➢ **Aqark 365**
  It is a real estate project that allows users to navigate through the new cities and properties and book meetings. I collaborated in this project and was responsible for the blog, career and contact sections. Users can view blogs and filter by blog category or search and same for careers, submit job application for careers they want and book a meeting online or physical. I made it with Laravel and used packages like yajra datatable for table rendering and astrotomic for content translation.
- ➢ **Blogger Website**
  In this project I made a blogger website with Laravel and MySQL that have a blog webpage

and admin panel. From admin panel admin can add more admins, add posts and there are also comments section under each post for users and admins can control the pending comments of the website wither to delete it or accept it. I also added Arabic translation to the website so that users can change according to the language they need. And authentication system for the admins.

➢ **Smart Crime Detection – Graduation Project**

In this project is an implementation of AI based security system that could detect if an incident occurred using action recognition capability informing and establishing access for the concerned authority to a live action of the incident, analyzing the incident to determine the suspect and victim. And Using Microsoft Azure and docker and making API to connect to the website with the backend.

➢ **WEVOTE**

This was a project made during the UN CODING4INTEGRITY Anti-corruption hackathon. We made a platform for any voting system to help voters know the candidate, view their profile, judge them and appeal against them. We used PHP and MySQL for this project.

➢ **Image Processing Program**

Program with gui with tkinter and python to allow the user to load an image and make processes on it whether add noise, apply point, local transform operations, edge detection filters, global transforms like line detection using hough transform and morphological transform like dilation and erosion.

Volunteer

➢ **April 2019 – April 2021: Technical support member at FEE Robotics Club – Menoufia University**

Technical skills

➢ PHP
➢ HTML/CSS
➢ APIs

➢ Laravel
➢ Docker
➢ Git

➢ MYSQL
➢ Microsoft Azure
➢ Azure Web Services

Hobbies

➢ **Reading**
➢ **Sightseeing**
➢ **Football**

Military Status: **Completed**