

Mohammed Abdulsalam

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BACK END DEVELOPER

I am a highly skilled back-end developer with over **2 year of experience** in **PHP, MySQL**. I have knowledge of popular frameworks such as **Laravel**. I worked on several projects using native **PHP** and **MySQL/MariaDB**, and have experience designing REST APIs.

TECHNICAL SKILLS

Languages	: PHP, SQL, Javascript, TeX
Frameworks	: Laravel, PHPUnit
Libraries	: laravel-websockets, laravel-medialibrary, laravel-echo
Databases	: MySQL, MariaDB, SQLite
Concepts	: OOP, MVC, HMVC, Regular Expressions, Accessibility (WCAG), REST, OAuth, ERD Design, SRS Design
Dev Tools	: Vim, XDebug, Vite, Git, Github Actions, Apache HTTP Server, Linux, cron, Docker

EXPERIENCE

Back End Developer Freelance	Feb 2022 – Present
<ul style="list-style-type: none">Design and development of back-ends using PHP, MySQL/MariaDBWorked on REST APIs for medium-sized systemsAnalysis of stakeholders requirements, and design ERD, SRS, and various documentsDeployed and maintained websites on AWS EC2 linux server	
Vice Head of Web Development Committee GDSC KSU	Sep 2022 – Apr 2023 <i>Remote – Kafrelsheikh, Kafrelsheikh, Egypt</i>
<ul style="list-style-type: none">Share knowledge and experience with my fellow membersMake sure the plan is suitable for membersDemonstrated critical topics in core Front End technologies, including SEO, and Accessibility, through number of sessions	

EDUCATION

University of Kafrelsheikh – Faculty of Computers and Information <i>Bachelor of Science in Computer Science</i> GPA: 3.25/4	Kafrelsheikh, Kafrelsheikh, Egypt <i>Sep 2020 – Jul 2024</i>
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PROJECTS

Online Chat <i>PHP, Laravel, HMVC, SCSS</i>	Demo Private
<ul style="list-style-type: none">Online customer service chat written in PHP / Laravel. Build with HMVC architectural patternUtilized laravel-websockets & laravel-echo to provide real time communicationUsed laravel-medialibrary to facilitate media storing and retrievalDeveloped REST API for clients, and chat frontend using Blade and Javascript	
Bookopia <i>PHP, Laravel, MVC, SCSS</i>	Demo Source Code
<ul style="list-style-type: none">A library management system written in PHP / Laravel. Build with MVC architectural patternDesigned and developed a clean and modern website using HTML, and SCSSUtilized Laravel Components to enhance the modularity of the frontend	

- Extended **Blade** functionality by writing customized **Directives**, that help us write less code

Salem Clinic Website

PHP, MySQL, Javascript, Git

Private

- Designed and developed dynamic monolith website using **PHP, HTML, CSS, and JavaScript**
- Worked on admin panel providing article management, content management, and admins privileges
- Developed Markup to HTML library using **PHP, and Javascript**, utilized in articles creation, editing, and viewing
- Deployed using **Apache** server on **AWS EC2** instance, with domain name and **HTTPS** certificate configured
- Used a **cronjob** to backup data periodically

Clinic Management System (ERP)

PHP, MariaDB, Socket.IO

Private

- A **CRUD application** exposed using a RESTful API made with PHP
- Analysed stakeholders requirements, deigned **ERD** based on this analysis
- Used **XDebug** to facilitate debugging process, and **PHPUnit** to automate unit testing
- Worked on many features that support bussiness logic, includes live queues, activity log, authorization rules and privileges, payroll system, patient management system, etc...
- Used **Socket.IO** under **Node.js** to build socket server to maintain live queues data between clients

CERTIFICATIONS

- ITI - Web Development Using PHP (150 hrs.)