

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
Libraries	: PHPUnit, PHP Spread Sheet, ECDSA
Databases	: MySQL, MariaDB, SQLite
Concepts	: OOP, MVC, Regular Expressions, Accessibility (WCAG), REST, ERD Design, SRS Design
Dev Tools	: Vim, Visual Studio Code, XDebug, Vite, Git, Github, Apache HTTP Server, Linux, cron, Docker, Insomnia

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

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 frontendExtended Blade functionality by writing customized Directives, that help us write less code	
Salem Clinic Website	<i>PHP, MySQL, Javascript, Git</i> Private
<ul style="list-style-type: none">Designed and developed dynamic monolith website using PHP, HTML, CSS, and JavaScriptWorked on admin panel providing article management, content management, and admins privilegesDeveloped Markup to HTML library using PHP, and Javascript, utilized in articles creation, editing, and viewingDeployed using Apache server on AWS EC2 instance, with domain name and HTTPS certificate configured	

- Used a **cronjob** to backup data periodically

Simple API Framework

PHP

[Source Code](#)

- Developed various utilities to facilitate **RESTful APIs** developing
- Implemented my own **Router, and JWT** utilities

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 \(150 hrs.\)](#)