

# Mohammed Abdulsalam

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## BACK END DEVELOPER

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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

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

## EXPERIENCE

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<b>Back End Developer</b> Freelance	Feb 2022 – Present
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- Design and development of back-ends using **PHP, MySQL/MariaDB**
- Worked on REST APIs for medium-sized systems
- Analysis of stakeholders requirements, and design **ERD, SRS**, and various documents
- Deployed and maintained websites on **AWS EC2** linux server

<b>Vice Head of Web Development Committee</b> GDSC KSU	Sep 2022 – Apr 2023 <i>Remote – Kafrelsheikh, Kafrelsheikh, Egypt</i>
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- Share knowledge and experience with my fellow members
- Make sure the plan is suitable for members
- Demonstrated critical topics in core **Front End** technologies, including **SEO**, and **Accessibility**, through number of sessions

## EDUCATION

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<b>University of Kafrelsheikh – Faculty of Computers and Information</b> <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

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<b>Online Chat</b> <i>PHP, Laravel, HMVC, SCSS</i>	<a href="#">Demo</a> <a href="#">Private</a>
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- Online customer service chat written in **PHP / Laravel**. Build with **HMVC** architectural pattern
- Utilized **laravel-websockets** & **laravel-echo** to provide real time communication
- Used **laravel-medialibrary** to facilitate media storing and retrieval
- Developed **REST API** for clients, and chat frontend using **Blade** and **Javascript**

<b>Bookopia</b> <i>PHP, Laravel, MVC, SCSS</i>	<a href="#">Demo</a> <a href="#">Source Code</a>
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- A library management system written in **PHP / Laravel**. Build with **MVC** architectural pattern
- Designed and developed a clean and modern website using **HTML**, and **SCSS**
- Utilized **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

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