Mohammed Abdulsalam

Location: Alexandria, Egypt

LinkedIn | GitHub | Codeforces

Email: moha4mach@gmail.com | Mobile: +20 12 1165 0982

BACK END DEVELOPER

I am a highly skilled software engineer with over **3 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**, as well as projects using **Laravel**, 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, SQLlite
Concepts	:	OOP, Design Patterns, Regular Expressions, Accessibility (WCAG), REST, OAuth, ERD Design, SRS Design
Dev Tools	:	Vim, XDebug, Vite, Git, Github Actions, Apache HTTP Server, Linux, SSH, cron, Docker

EXPERIENCE

Full Stack Developer Mar 2024 – Present
Storiagate *Hybrid – Alexandria, Egypt*

- Redesign company system and forms
- Made reusable components and modules using **PHP, SCSS, and Javascript**
- Ensure the cross-browser compatibility of the components
- Developed localization utilities - same interface as **Laravel** - to support multible languages
- Refactored the codebase to reduce complexity and redundancy, and to enhance cohesion
- Maintained the website on a linux server

Back End Developer Feb 2022 – Present
Freelance

- Desing and development of back-ends using **PHP, MYSQL/MariaDB**
- Worked on REST APIs for medium-sized systems
- Analysis of stakeholders reuirements, and design **ERD**, **SRS**, and various documents
- Deployed and maintained websites on **AWS EC2** linux server

Vice Head of Web Development Committee Sep 2022 – Apr 2023
GDSC KSU *Remote – Kafrelsheikh, Kafrelsheikh, Egypt*

- Share knowledge and experience with my fellow members
- Demonstrated critical topics in core **Front End** technologies, including **SEO**, and **Accessibility**

EDUCATION

University of Kafrelsheikh – Faculty of Computers and Information Kafrelsheikh, Kafrelsheikh, Egypt
Bachelor of Science in Computer Science *Sep 2020 – Jun 2024*
GPA: 3.3/4

PROJECTS

Online Chat   Demo
PHP, Laravel, HMVC, SCSS   *Private*

- 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**

Bookopia   Demo
PHP, Laravel, MVC, SCSS   *Source Code*

- 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** funcionality 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 priviliges
- 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 priviliges, 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.)