

Mohammed Abdulsalam

Location: Alexandria, Egypt

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FULL STACK DEVELOPER

I am a highly skilled web developer with over **3 year of experience** in **HTML, CSS, Javascript**, **2 year of experience** in **PHP, MySQL**. I have knowledge of popular frameworks such as **Laravel, React, and Vue.js**. I worked on several projects using native **PHP** and **MySQL/MariaDB**, and have experience designing REST APIs.

TECHNICAL SKILLS

Languages	: PHP, SQL, Javascript, HTML, CSS, SCSS, TeX
Frameworks	: Laravel, React.js
Libraries	: PHPUnit, PHP Spread Sheet, ECDSA, React Router, Styled Components, Socket.IO
Databases	: MySQL, MariaDB, SQLite
Methodologies	: BEM
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

Front End Developer Volunteer UCCD KSU	Jan 2023 – Present <i>Remote – Kafrelsheikh, Kafrelsheikh, Egypt</i>
<ul style="list-style-type: none">Designed and developed dynamic and responsive student management website using React.jsWorked with REST APIs to retrieve and display data from backend	
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	
Full Stack Developer Freelance	Feb 2022 – Present
<ul style="list-style-type: none">Design and development of websites using HTML, CSS, and JavascriptDesign 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	

EDUCATION

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

<u>Visualizing Sorting Algorithms</u>	<i>HTML, CSS, Javascript</i>	Source Code
<ul style="list-style-type: none">Implemented different sorting algorithms in JavascriptUsed Asynchronous Programming using Javascript to visualize sortingDeployed on GitHub pages via GitHub Actions		

UCCD Website

React.js, Git

Private

- Designed and developed a clean and modern website using **HTML, CSS, and Javascript**
- Utilized **responsive design** to ensure compatibility across all devices
- Communicated with backend using a **RESTful API**

Bookopia

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** 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

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 System

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