

# Mohammed Abdulsalam

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## FULL STACK DEVELOPER

I am a highly skilled web developer with over **2 year of experience** in **HTML, CSS, Javascript**, **1 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

<b>Languages</b>	: PHP, SQL, Javascript, HTML, CSS, SCSS, TeX
<b>Frameworks</b>	: Laravel, React.js
<b>Libraries</b>	: PHPUnit, PHP Spread Sheet, ECDSA, React Router, Styled Components, Socket.IO
<b>Databases</b>	: MySQL, MariaDB, SQLite
<b>Methodologies</b>	: BEM
<b>Concepts</b>	: OOP, MVC, Regular Expressions, Accessibility (WCAG), REST, ERD Design, SRS Design
<b>Dev Tools</b>	: Vim, Visual Studio Code, XDebug, Vite, Git, Github, Apache HTTP Server, Linux, cron, Docker, Insomnia

## EXPERIENCE

<b>Front End Developer Volunteer</b> UCCD KSU	Jan 2023 – Present <i>Remote – Kafrelsheikh, Kafrelsheikh, Egypt</i>
<ul style="list-style-type: none"><li>Designed and developed dynamic and responsive student management website using <b>React.js</b></li><li>Worked with <b>REST APIs</b> to retrieve and display data from backend</li></ul>	
<b>Vice Head of Web Development Committee</b> GDSC KSU	Sep 2022 – Apr 2023 <i>Remote – Kafrelsheikh, Kafrelsheikh, Egypt</i>
<ul style="list-style-type: none"><li>Share knowledge and experience with my fellow members</li><li>Make sure the plan is suitable for members</li><li>Demonstrated critical topics in core <b>Front End</b> technologies, including <b>SEO</b>, and <b>Accessibility</b>, through number of sessions</li></ul>	
<b>Full Stack Developer</b> Freelance	Feb 2022 – Present
<ul style="list-style-type: none"><li>Design and development of websites using <b>HTML, CSS, and Javascript</b></li><li>Design and development of back-ends using <b>PHP, MYSQL/MariaDB</b></li><li>Worked on REST APIs for medium-sized systems</li><li>Analysis of stakeholders requirements, and design <b>ERD, SRS</b>, and various documents</li><li>Deployed and maintained websites on <b>AWS EC2</b> linux server</li></ul>	

## EDUCATION

<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 Sep 2020 – Jul 2024
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## PROJECTS

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

<b>UCCD Website</b>	<i>React.js, Git</i>	Private
<ul style="list-style-type: none"> <li>Designed and developed a clean and modern website using <b>HTML, CSS, and Javascript</b></li> <li>Utilized <b>responsive design</b> to ensure compatibility across all devices</li> <li>Communicated with backend using a <b>RESTful API</b></li> </ul>		
<b>Bookopia</b>	<i>PHP, Laravel, MVC, SCSS</i>	<a href="#">Source Code</a>
<ul style="list-style-type: none"> <li>A library management system written in <b>PHP / Laravel</b>. Build with <b>MVC</b> architectural pattern</li> <li>Designed and developed a clean and modern website using <b>HTML, and SCSS</b></li> <li>Utilized <b>Laravel Components</b> to enhance the modularity of the frontend</li> <li>Extended <b>Blade</b> functionality by writing customized <b>Directives</b>, that help us write less code</li> </ul>		
<b><u>Salem Clinic Website</u></b>	<i>PHP, MySQL, Javascript, Git</i>	Private
<ul style="list-style-type: none"> <li>Designed and developed dynamic monolith website using <b>PHP, HTML, CSS, and JavaScript</b></li> <li>Worked on admin panel providing article management, content management, and admins privileges</li> <li>Developed Markup to HTML library using <b>PHP, and Javascript</b>, utilized in articles creation, editing, and viewing</li> <li>Deployed using <b>Apache</b> server on <b>AWS EC2</b> instance, with domain name and <b>HTTPS</b> certificate configured</li> <li>Used a <b>cronjob</b> to backup data periodically</li> </ul>		
<b>Simple API Framework</b>	<i>PHP</i>	<a href="#">Source Code</a>
<ul style="list-style-type: none"> <li>Developed various utilities to facilitate <b>RESTful APIs</b> developing</li> <li>Implemented my own <b>Router, and JWT</b> utilities</li> </ul>		
<b>Clinic Management System / ERP System</b>	<i>PHP, MariaDB, Socket.IO</i>	Private
<ul style="list-style-type: none"> <li>A <b>CRUD application</b> exposed using a RESTful API made with PHP</li> <li>Analysed stakeholders requirements, deigned <b>ERD</b> based on this analysis</li> <li>Used <b>XDebug</b> to facilitate debugging process, and <b>PHPUnit</b> to automate unit testing</li> <li>Worked on many features that support bussiness logic, includes live queues, activity log, authorization rules and privileges, payroll system, patient management system, etc...</li> <li>Used <b>Socket.IO</b> under <b>Node.js</b> to build socket server to maintain live queues data between clients</li> </ul>		