Mohammed Abdulsalam

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Back End Developer

I am a highly skilled back-end devleoper with over **1 year of experience** in **PHP, MySQL**. I worked on several projects using native **PHP** and **MySQL/MariaDB**, and have experience designing REST APIs.

Technical Skills

Languages	:	PHP, SQL, Javascript, TeX
Libraries	:	PHPUnit, PHP Spread Sheet, ECDSA
Databases	:	MySQL, MariaDB, SQLlite
Concepts	:	OOP, Regular Expressions, REST, ERD Design, SRS Design
Dev Tools	:	Vim, Visual Studio Code, XDebug, Git, Github, Apache HTTP Server, Linux, cron, Docker, Insomnia

Experience

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
- 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

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

Projects

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

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 priviliges, payroll system, patient management system, etc…
- Used **Socket.IO** under **Node.js** to build socket server to maintain live queues data between clients