

Mohammed Abdulsalam

Location: Alexandria, Egypt

[LinkedIn](#) | [GitHub](#) | [Codeforces](#)

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

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 **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	: React.js
Libraries	: PHPUnit, PHP Spread Sheet, ECDSA, React Router, Styled Components, Socket.IO
Databases	: MySQL, MariaDB, SQLite
Methodologies	: BEM
Concepts	: OOP, Regular Expressions, Accessibility (WCAG), REST, ERD Design, SRS Design
Dev Tools	: Vim, Visual Studio Code, XDebug, Node, npm, Vite, Git, Github, Apache HTTP Server, Linux, cron, Docker, Insomnia

EXPERIENCE

Front End Developer Volunteer

UCCD KSU

Jan 2023 – Present

Remote – Kafrelsheikh, Kafrelsheikh, Egypt

- Designed and developed dynamic and responsive student management website using **React.js**
- Worked with **REST APIs** to retrieve and display data from backend

Vice Head of Web Development Committee

GDSC KSU

Sep 2022 – Apr 2023

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

Full Stack Developer

Freelance

Feb 2022 – Present

- Design and development of websites using **HTML, CSS, and Javascript**
- 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

EDUCATION

University of Kafrelsheikh – Faculty of Computers and Information

Bachelor of Science in Computer Science

GPA: 3.25/4

Kafrelsheikh, Kafrelsheikh, Egypt

Sep 2020 – Jul 2024

PROJECTS

Visualizing Sorting Algorithms

HTML, CSS, Javascript

[Source Code](#)

- Implemented different sorting algorithms in **Javascript**
- Used **Asynchronous Programming** using **Javascript** to visualize sorting
- Deployed 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**

Monopoly Game

HTML, CSS, SCSS, Javascript

[Source Code](#)

- Used **ECMA Modules** to reduce coupling
- Worked with **CSS Grid and Flexbox** to simplify complex design
- Deployed on GitHub pages via GitHub Actions

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