



Mohamed Ashraf Tolba

Full Stack Web Developer

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Summary

- Full Stack Web Developer fresh graduated and designing web applications using PHP.
- Full Stack Android Developer fresh graduated using Flutter.

Education

Software Engineering major, Computer Science

2017 - 2021

Kafr Elsheikh University - GPA: 3.15

Studied computer science courses like Object Oriented Programming (OOP), Data Structure, Algorithms, Design patterns, Architecture design, SQL.

Skills

- **Programming Languages:** Python, C#,
- **Computer Science:** OOP, Data Structure, Algorithms, Design Patterns, Architecture design,
- **Back-End:** Laravel, Flutter,
- **Databases:** MySQL, Firebase,
- **Front-End Technologies:** HTML, CSS, JS, Bootstrap,
- **Compilers:** **VScode**, Atom, VS, Android Studio, Sublime,

Professional Experience

Clinic Management System web application

<https://github.com/mohamedla/Clinic-online-management-system>

Clinic Management System is a web application based on PHP that provide a easy tool to manage every in the clinic with different user access permissions according user role in the system (admin, doctor, x-ray, lab, pharmacy, receptionist).

- Did the full system analysis, and requirements gathering.
- Implemented Local Authentication and Authorization systems based to identify users and their authority to access endpoints or make certain actions or visit specific routes.
- Implemented Login via user name and password recorded by the admin.
- Implemented validation on all endpoints to ensure the accuracy of the data being sent to the backend and database.

Attendance and Progress tracking management system project

https://github.com/mohamedla/Traking_Management_System

The attendance and progress tracking management system is an MVC web application that is a part of an HR system, that allows the admins to track attendance ,leaving and progress of the employees, tracks their availability during the day, and manages their profiles.

- Did the full system analysis, and requirements gathering, adopted the design-first approach.
- Implemented Authentication and Authorization systems based to identify users and their authority to access endpoints or make certain actions or visit specific routes.
- Implemented Login via user name and password recorded by the admin.
- Implemented validation on all endpoints to ensure the accuracy of the data being sent to the backend and database.

- Configured the application to be dynamic, so any corporation can configure it based on its settings (work shifts, allowance minutes, end of the workday hour ,projects and tasks,...)

Real-time Chat application

<https://github.com/mohamedla/My-Chat-App>

The Real-time Chat Application is a PHP web application that is full chatting system, that allows the users send and receive text, audio, video and file messages.

- Did the full system analysis, and requirements gathering, adopted the design-first approach.
- Implemented Authentication and Authorization systems based to identify users and their authority to access endpoints or make certain actions or visit specific routes.
- Implemented Login via email and password recorded by the user when register.
- Implemented validation on all endpoints to ensure the accuracy of the data being sent to the backend and database.

Member of MSP KFS community

2017 - 2018

MSP Tech Club

Personal Skills

- Research.
- Problem-solving.
- Critical Thinking.
- Work in a team environment.
- Willingness to learn.
- Languages:
 - English - Intermediate
 - Arabic - first language

Military Status

Final exemption from military service
