Mohammed Moataz

Giza, Egypt
+20 100 858 1523
Gmail:
imohammedmoataz@gmail.c...
LinkedIn: mohammed-moataz
Github: MohammedMoataz

SUMMARY

Resourceful **software engineer** with both front-end and back-end development experience. Smart and consistently educated designer of user interactions on sound and user-friendly websites and databases. Proven troubleshooting with a solid grounding in data-driven concepts and applications.

EXPERIENCE

CBMIS, Remotely— *Full Stack Developer Trainee*

Jun 2022 - Jan 2023

- Learned new emerging technologies and took the initiative to offer technical direction and creative solutions.
- Analyzed, prioritized, and problem-solved several tasks concurrently with minimum supervision.
- Provided Full Stack website development using MySQL, Express.JS, React.JS, and Node.JS.
- Tasks Repo: MohammedMoataz/PWA-Full-Stack-Training

EDUCATION

Faculty of Computers and Artificial Intelligence Helwan University, Cairo — *Very Good*

September 2019 - July 2023.

TECHNICAL SKILLS

Programming Concepts

OOP / Data Structures / Design Patterns / Restful APIs / GraphQL

Development

BlockChain / Java Spring / Node.JS / React.JS

Database

MySQL / MongoDB / Firestore

SKILLS

Adaptability.

Teammates' Motivation and Engagement.

Problem-Solving.

Fast learning.

Teamwork.

CERTIFICATIONS

Web Design, NTI
Aug 2022

Google IT Support, Google
Dec 2022

Agile Scrum, ODC
Sep 2022

ITI Java Spring Developer, ITI
Sep 2022

Google Project Management Specialization, Google
Jun 2022

LANGUAGES

Arabic, English

Tools

Docker / Git / Jira / Trello

PROJECTS

MobiCare — *Node.JS, Truffle, MySQL, Firebase, and Flutter*

Dec 2022 - Present

Graduation Project - MobiCare is a system built with flutter and blockchain in the client-side and node.js in the server-side, It facilitates the methods of consultation and follow-up between doctors and their patients.
It includes all required data about the patient including prescriptions, medical reports, radiology images, diagnoses, treatment plans, allergies, laboratory results, etc..., the patient is allowed to check them whenever he wants and also he can give access to his doctor to get and upload his medical records.
The system also provides the patient with an alarm for medication appointments, where he is reminded of the date of each medication that he has entered.
The application also allows doctors to upload videos that help spread awareness for users throughout the application and also allows the patient to like and write comments on these videos.

- Responsible for delivering the project in an incremental way through sprints.
- Responsible for Managing and prioritizing the product backlog
- Building the smart contract and deploying it in a blockchain Sepolia network.
- Responsible for blockchain and IPFS features which are integrated with Flutter.
- Participated with the backend team to build Rest APIs.
- Participated with the Flutter team to integrate Rest APIs.

Pulse App — *Flutter, Firebase, and IoT*

Feb 2022 - Mar 2023

The pulse app tracks your health status and warns you of any dangerous health statuses. A login & sign-up system allows you to sign up as a patient or helper. If you signed as a helper the application will notify you when there is a patient around you that you can help him. If you signed in as a patient the application will read the sensors reads from Firebase (heart rate, oxygen, and temperature)

- Augmented with a team of 6 to develop a Cross–Platform (android – IOS) app for the 2022 Google Solution Challenge which we could reach to **TOP 10** in the **MENA REGION**.
- Collaborated to develop a user interface within the mobile application using **Flutter** with **MVVM** Architecture to handle State Management.

Chatbot — *React.JS*

 Dec 2022

This is a simple chatbot application, it was made using only the React.JS framework without any third-party library or application.
It answers some questions dependent on data I've designed using a graph data structure.
In this project I:

- Designed a JSON file to put your data (questions and answers) in.
- Designed a friendly user interface.
- Suggested some options to ask to make it easy to chat.
- Provided with responsive design.

[Tab Cash](#) — *Express.JS, MySQL, and MongoDB*

May 2023 - May 2023

Tab Cash is an e-wallet application represented in an Orange Digital Center Hackathon, which makes it easy to you to send and receive money, show your previous transactions, and an additional feature which is parent's control.
In this project, I was accountable for the following:

- Designing Database schema and integrating it with node.js through an ORM.
- Create a MongoDB project and integrate it with node.js.
- Authentication and Authorization.
- Allow the parent account to create a child account and control his daily balance and control what he should buy.
- Documented APIs with swagger.

VOLUNTEERING

[Google Developers Student Club – Helwan University](#)

2022 Technical Head.

2021 Technical Core Team Member.

- Instructor in a Data Structure Workshop.

[Online – Helwan University](#)

2022 Vide Precedent.

2019 Media team member.