Mohamed Ali Jardak

Network and Information Systems Engineer

Flutter enthusiast with 3 years of experience , I have been freelancing since 2020.

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EDUCATION

Engineering Degree
National Institute of Applied Sciences and technology

09/2017 - 09/2022   *Tunis, Tunisia*

WORK EXPERIENCE

Software Engineer
DISP Laboratory, University of Lyon 2

03/2022 - Present   *Lyon, France*

The project has a data-driven approach and exploits the value of big data (data supplied by Linde Homecare France) to characterize compliance in CPAP therapy and to characterize the patients themselves via a profiling process.

Achievements/Tasks

- Build a consistent database schema based on requirements (KPIs).
- Develop a secure HTTP Rest.
- Develop a modular mobile application for SAS (Sleep Apnea Syndrome) patients at home.
- Integrate medical sensors into the mobile application.
- Develop of a web application for health actors to manage the mobile application.
- Use dockers for containerisation and git for workflows.

Contact : Flask, Flutter, Firebase, Next.js, Docker, MySQL, Mongo

Data Scientist
Smart Assistant

08/2021 - 09/2021   *Dammam, KSA (Remote)*

Achievements/Tasks

- Migrate the authentication method in the project.
- Import the customer database.
- Analyse and manipulate the imported data.
- Export the new database to ensure consistency with the new authentication method.
- Make an update for the project's mobile application.

Contact : Flutter, Firebase, Python

Mobile Developer
Orange

07/2020 - 10/2020   *Tunis, Tunisia*

Achievements/Tasks

- Participate in Orange Summer Challenge 2020 in collaboration with Google and GIZ (Deutsche Gesellschaft für Internationale Zusammenarbeit).
- Work in a dynamic team to create a project using Design Thinking.
- Develop a mobile application for our "Lenus" project using Flutter, Spring Boot and Google Cloud.

Contact : Flutter, Java, Spring Boot, Google Cloud, Git.

SKILLS

Flutter   Flask   Firebase   AWS   React.js
Next.js   SQL   Python   Dart   Java

PERSONAL PROJECTS

Biker Finder
- Social mobile application dedicated to bikers so they can ride together and participate in motorcycling events.
- Technologies: Flutter / Firebase / Google Cloud / TypeScript.

Mobile application for real estate agencies
- Une application mobile qu'une agence immobilière peut utiliser pour suivre les plaintes et les suggestions des résidents.
- Technologies : Flutter / Firebase.

Blackstreet mobile application (client/admin)
- A mobile application that displays the restaurant's menu on Android tablets that can be managed by a mobile application controlled by the administrator.
- The administrator can add, modify or delete items in real time from a custom administration application.
- Technologies : Flutter / Firebase.

ORGANIZATIONS

Junior Enterprise INSAT (09/2019 - 09/2021)
Project Axis Deputy

IEEE Computer Society Chapter INSAT (09/2019 - 09/2020)
Training Manager

CERTIFICATES

AWS Educate Introduction to Cloud 101 (12/2021)
Amazon Web Services (AWS)

Introduction to Cybersecurity
Cisco

LANGUAGES

English
Full Professional Proficiency

French
Full Professional Proficiency

Arabic
Native or Bilingual Proficiency

German
Elementary Proficiency

INTERESTS

Chess   Workout   Travel