

Ghassen Mallek Software Engineer

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🌐 GhassenMallek

PROFILE

Enthusiastic Software Engineer with a strong background in backend development and a passion for crafting mobile apps, specializing in iOS and cross-platform development using Flutter. Proven expertise in Python, SwiftUI, UIKit, Node.js, and Java. Adept at leveraging solid engineering skills to contribute to real-world projects and guide the next generation of developers as an educator.

EDUCATION

2020 – 2023 IT ENGINEER'S DEGREE, ESPRIT

PROFESSIONAL EXPERIENCE

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|---------------------------------------|--|
| 09/2023 – present Ariana, Tunisia | Teacher trainer , ESPRIT Keywords: Software engineer, Coaching, Guide Students, Java iOS and Node.js trainer |
| 01/2023 – 06/2023 Ariana, Tunisia | Intern: associate teacher , ESPRIT Keywords: Software engineer, Coaching, Guide Students, Java iOS and Node.js trainer |
| 06/2023 – 09/2023 Ariana, Tunisia | Software engineer , Inspark Keywords : Algorithm, python, OpenCV ... |
| 12/2022 – 06/2023 Montreal, Canada | Intern : Software engineer (End of study internship) , 360Medlink Keywords : Algorithm, python, OpenCV ... |
| 07/2022 – 09/2022 Tunis, Tunisia | Intern : Full-stack developer , Welyne Keywords : Flutter, Node.js, Express, NoSQL, MongoDB |
| 07/2021 – 08/2021 Sfax, Tunisia | Intern : Backend developer , Clinisys Keywords : Spring boot, Swagger, MySQL |
| 01/2020 – 07/2020 Sfax, Tunisia | intern : Mechanical engineer (End of study internship) , SINSO Keywords: Arduino, G-code, CAD, Solidworks, CNC machine |
| 01/2019 – 02/2019 Sfax, Tunisia | Intern: 3D Modeling , CFTP Keywords: SolidWorks, CAD |

PROJECTS

Mobile App for Dermatologists (End of study project)

A cutting-edge mobile application designed specifically for dermatologists. It leverages the power of computer vision and deep learning using OpenCV to scan wounds in 3D, accurately measuring their size and predicting whether they exhibit signs of melanoma.

Keywords: OpenCV, Deep learning, Image segmentation, iOS

Bal des projet

Bal des Projets is an innovative mobile application developed as an intern solution for ESPRIT. This app facilitates in the process of selecting the best student projects in each academic level and field.

Keywords: Flutter

Insight

Cross-platform for predicting more than ocular disease by uploading an external eye picture or medical picture as OCT and retina images, allowed to quickly find the nearest ophthalmologist to you and make an appointment online, also it helps them to save patients' medical follow up.

Keywords: MEAN technology, Django, Tensor-flow, Deep-learning, Kaggle, Colab, Anaconda

Showapp

E-commerce mobile application, deployed on App-Store, and App-Gallery

Keywords: Kotlin, Swift, Node.js, Express, MongoDB

Smart Farm

Desktop application that automates the management of a farm with easy techniques

Keywords: C, Glade, Ubento, Oracle VMware

CERTIFICATES

ENGLISH LEVEL B2: Yes you can training center (Trainer : TRABELSI Emna)

JAVA OCA 1Z0-808 : SMART IT (Trainer : MEZGHICH Mohamed Amine)

FULL STACK (SPRING BOOT & ANGULAR), SCRUM : SMART IT (Trainer : MEZGHICH Mohamed Amine)

Python (Trainer : Ghazi tounsi)

CSWP: Mechanical design at the level professional with solidworks software (Certificate approved by Dassault Systemes)

SCRUM FOUNDATION PROFESSIONAL (Certificate approved by CertiProf Trainer: Mourad Hassini)

GRAPHIC DESIGN : Microsoft tech club ISET Sfax (Trainer : BOUKTHIR Borhen)

ASSOCIATIVE LIFE

09/2022
Kram, Tunisia **E-health hackathon**, Participant

06/2022
Ariana, Tunisia **Hackathon 4.0 AISEC BARDO**, Participant

2017 – 2019
Sfax, Tunisia **Microsoft tech club**, Treasurer

12/2017 – 04/2018
Sfax, Tunisia **Xcoding challenge V4.0 and V3.0**, Organiser

10/2018
Sfax, Tunisia **Sfax International Half Marathon**, Organizer

SKILLS

JavaScript, Java, Dart, Swift, Python • Node.js, Spring Boot, Flutter, SwiftUI, iOS, Cross-platform, Docker, Git, SQL, NoSQL, MongoDB, MySQL,

LANGUAGES

• Arabic • English • French