Ghassen Mallek Software Engineer

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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	**ESPRIT,** IT ENGINEER'S DEGREE

PROFESSIONAL EXPERIENCE

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

PROJECTS

Pidev app
Full stack app to manage projects in ESPRIT
Keywords: Flutter, NodeJS, Postgres

Bal des projet
Bal des Projets is an innovative mobile application to organize the "bal des projet" event.
Keywords : Flutter

RestoApp
Streamlined restaurant management app enabling reservation, order selection, kitchen communication, and seamless checkout/payment for cafes and restaurants.
Keywords : Flutter

Mobile App for Dermatologists (End of study project)
Dermatology app utilizing computer vision and deep learning to scan and analyze wounds in 3D, aiding in accurate measurement and melanoma detection for dermatologists.
Keywords: OpenCV, Deep learning, Image segmentation, iOS

Insight
An all-in-one app connecting doctors and patients for appointments, prescriptions, medical follow-ups, and locating nearest healthcare providers.
Keywords: MEAN

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 : Microsft 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, Flutter, SwiftUI, iOS, Cross-platform,

Docker, Git, SQL, NoSQL, MongoDB, mySQL,

LANGUAGES

• Arabic   • English   • French