

Mariem DERBALI

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SKILLS

BACK END DEVELOPMENT | PHP • Laravel • Express • NodeJS • Java • Python

FRONT END DEVELOPMENT | ReactJS • Redux • JavaScript • Vue.js • Bootstrap • Materialize • HTML • CSS

MOBILE DEVELOPMENT | React Native • Kotlin • Jetpack Compose • Swift • UIKit • SwiftUI • Expo

MISCELLANEOUS | Amazon AWS • Machine Learning • MongoDB • MySQL • Jira • Git • Docker • JUnit • UI/UX Design • Firebase

SOFT SKILLS | Bias for action • Team player • Deliver results

EXPERIENCE

CFPA TAKELSA | NodeJS, Express, ReactJS, React Native, Socket.IO, MongoDB Atlas, Firebase Storage, Expo, Render, Netlify

Mobile Application Development Intern | Feb 2024 - Jul 2024, Nabeul, Tunisia

- Developed a beekeeping mobile app that included tracking for 50+ hives and apiaries, harvest management and QR code-based inspections
- Implemented financial tracking and statistical analysis features, enhancing user data accuracy and accessibility
- Created a media gallery for 100+ photos and videos using Firebase Storage, enhancing media management capabilities
- Integrated real-time weather data through the OpenWeatherMap API, a third-party service, improving monitoring accuracy by 25%
- Built a web-based admin portal, optimizing user management and enhancing operational oversight for streamlined administrative tasks
- Deployed backend services and APIs on Render while hosting the web admin on Netlify, ensuring a reliable, scalable, and high-performance platform for seamless user experience

TOPNET | Laravel, ReactJS, MongoDB Atlas

Full-Stack Web Development Intern | Feb 2022 - May 2022, Tunis, Tunisia

- Developed a web platform for internship management, handling over 500 internship profiles, optimizing data handling and application performance
- Executed REST API integration, reducing response times by 40% and improving data exchange efficiency
- Migrated existing data to a new system, resulting in a 25% increase in user engagement and satisfaction

PERSONAL PROJECTS

iOS Mobile Application for Real Estate Property Management

- Designed and developed an iOS app for real estate management using SwiftUI and UIKit, implementing MapKit for property location visualization and Firebase for user authentication and data management
- Conducted comprehensive testing with XCTest to ensure robust performance and reliability

Android Mobile Application for Tunisia Tour Guide

- Built an Android app designed to guide tourists in Tunisia, incorporating interactive maps and local attractions
- Implemented offline access features using Java and SQLite

Medical Appointment Management Platform

- Implemented a platform for managing medical appointments using Laravel, Vue.js, and MySQL, featuring appointment scheduling, notifications, and patient management

EDUCATION

Higher Institute of Technological Studies of RADES

M.S., **Mobile Application Development**

Jul 2024 | Rades, Tunisia

GPA: 4/4

Higher Institute of Technological Studies of RADES

B.S., **Information Technology**

May 2022 | Rades, Tunisia

GPA: 3.7/4

Borj Cedria High School

H.S., **Computer Science**

Jun 2018 | Borj Cedria, Tunisia

GPA: 3/4

HONORS & AWARDS

Awarded Best Capstone Project in Mobile App Development |

For top Mobile App Development project during M.S | ISET Rades | 2024 | Rades

COURSEWORK

Data Structure and Algorithms

Developing Android Apps

Agile Methodologies

Machine Learning

Cloud Computing

Digital Marketing

SwiftUI

UI/UX Design

INTEREST

Traveling • Fitness • Nutrition • Self-improvement

