

Khalil Barhoumi

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Welcome to My CV!

I am Khalil Barhoumi, a dedicated Software Engineer specializing in mobile and web development. My expertise includes designing and implementing innovative solutions with a focus on performance optimization, user experience, and seamless integration of modern technologies.

Education

TEK-UP University , Final Year of Engineering Program in Computer Science, Specialization in Software Engineering (GLSI-5), Ariana, Tunisia	September 2023 – Present
Institut Supérieur des Études Technologiques de Radès , Professional Master's in Mobile Application Development, Radès, Tunisia	September 2022 – July 2024
Institut Supérieur des Études Technologiques de Béja , Bachelor's Degree in Computer Technology, Specialization in Information Systems Development, Béja, Tunisia	September 2019 – June 2022
Taher Ben Achour High School , High School Diploma in Computer Science, Nefza, Béja, Tunisia	September 2018 – June 2019

Experience

Flutter Developer , Amana GPS – Ariana, Tunisia	May 2024 – July 2024
<ul style="list-style-type: none">Developed the Amana GPS mobile application for real-time vehicle tracking, including advanced features such as geofencing, live updates, and event notifications.Created detailed reports on trips, mileage, driving behavior, and fuel consumption.Implemented real-time tracking with data updates every 10 seconds and integration of vehicle sensors.Designed history and route tracking modules, displaying stored data and virtual paths with notifications for off-route movements.	
Front-end Developer (Flutter/Angular) , Dyno & Motiva Systems – Ariana, Tunisia	October 2023 – April 2024
<ul style="list-style-type: none">Developed a mobile application for digital meal vouchers, enabling instant voucher creation and payment via QR code scanning.Integrated Firebase Push notifications to inform users about new features and promotions.Optimized application performance to deliver a smooth and fast user experience.Using Flutter, Angular, ASP.NET, MySQL, Firebase, and Blockchain technologies.	
Flutter Developer , Dyno – Tunis, Tunisia	February 2023 – August 2023
<ul style="list-style-type: none">Designed and developed a multi-restaurant food delivery system with features such as filtering and sorting restaurants by name, distance, and advanced search.Integrated Google Maps API for navigation and Firebase push notifications for updates.Implemented state management with GetX and ensured high responsiveness using Flutter Web.	
WordPress Developer , VE-Pets – Ariana, Tunisia	November 2023
<ul style="list-style-type: none">Developed a user-friendly WordPress site offering veterinary consultations, grooming services, and an online store for pet supplies.Designed a professional interface for easy navigation and ensured resource availability for pet owners.	
3D Finite Element Analysis of No-Insulation Coils	Jan 2004
Frodo Baggins, <i>John Doe</i> , Samwise Gamgee	
10.1109/TASC.2023.3340648	

Competence

Frameworks and Technologies

Flutter, Angular, ASP.NET,
Laravel, Spring Boot,
Blockchain

- Expertise in Flutter for cross-platform mobile app development, including state management with GetX.
- Proficient in front-end frameworks like Angular and back-end frameworks such as ASP.NET, Laravel, and Spring Boot.
- Experience in integrating Blockchain technology and Firebase for real-time notifications and updates.

Programming Languages

JavaScript, Dart, C#, Java,
PHP

- Strong foundation in object-oriented programming and scripting languages for versatile application development.
- Hands-on experience in developing scalable applications using Dart and JavaScript.

Database Management

MySQL, Firebase, MongoDB

- Skilled in designing and optimizing relational databases with MySQL.
- Proficient in Firebase Realtime Database and Firestore for real-time data handling and synchronization.

Tools and IDEs

Visual Studio Code, IntelliJ
IDEA, Android Studio, Git

- Experienced with Git for version control and collaborative development.
- Proficient in using modern development environments for efficient coding and debugging.

Technologies

Languages: JavaScript, Java, PHP, C , Dart

Technologies and Frameworks: NestJs, Spring Boot, ASP.NET, Laravel, AngularJS, Angular, Flutter

Databases: MySQL, Firebase, MongoDB

Tools and IDEs: Visual Studio Code, IntelliJ IDEA, Xampp, Android Studio, Postman, Git

Languages

Spoken Languages: Arabic, French, English, Spanish, German

Written Languages: Arabic, French, English, Spanish, German