

# 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

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

## Experience

<b>Flutter Developer</b> , Amana GPS – Ariana, Tunisia	May 2024 – July 2024
<ul style="list-style-type: none"><li>Developed the Amana GPS mobile application for real-time vehicle tracking, including advanced features such as geofencing, live updates, and event notifications.</li><li>Created detailed reports on trips, mileage, driving behavior, and fuel consumption.</li><li>Implemented real-time tracking with data updates every 10 seconds and integration of vehicle sensors.</li><li>Designed history and route tracking modules, displaying stored data and virtual paths with notifications for off-route movements.</li></ul>	
<b>Front-end Developer (Flutter/Angular)</b> , Dyno & Motiva Systems – Ariana, Tunisia	October 2023 – April 2024
<ul style="list-style-type: none"><li>Developed a mobile application for digital meal vouchers, enabling instant voucher creation and payment via QR code scanning.</li><li>Integrated Firebase Push notifications to inform users about new features and promotions.</li><li>Optimized application performance to deliver a smooth and fast user experience.</li><li>Using Flutter, Angular, ASP.NET, MySQL, Firebase, and Blockchain technologies.</li></ul>	
<b>Flutter Developer</b> , Dyno – Tunis, Tunisia	February 2023 – August 2023
<ul style="list-style-type: none"><li>Designed and developed a multi-restaurant food delivery system with features such as filtering and sorting restaurants by name, distance, and advanced search.</li><li>Integrated Google Maps API for navigation and Firebase push notifications for updates.</li><li>Implemented state management with GetX and ensured high responsiveness using Flutter Web.</li></ul>	
<b>WordPress Developer</b> , VE-Pets – Ariana, Tunisia	November 2023
<ul style="list-style-type: none"><li>Developed a user-friendly WordPress site offering veterinary consultations, grooming services, and an online store for pet supplies.</li><li>Designed a professional interface for easy navigation and ensured resource availability for pet owners.</li></ul>	

## Competence

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### 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

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**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

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

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