



RAED KHARRAT

Software Engineer & Web-Mobile Developer (Seeking an internship for my graduation project)

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EXPERIENCE

Software Engineering Intern - Mobile Developer

Esprit School of Engineering

Jun 2024 – Sep 2024 Ariana, Tunisia

- Led end-to-end mobile app development using **Flutter**, managing student performance and teacher schedules.
- Architected a **Node.js** and **MongoDB** backend, with real-time data sync and secure JWT-based OAuth.
- Improved performance by 30% through database optimization and code refactoring.
- Collaborated with cross-functional teams to deliver scalable, user-friendly solutions.

Technologies: Flutter, Dart, Node.js, MongoDB, REST APIs, Git, Agile

Mobile Developer

GettingApp

Jul 2024 – Aug 2024 Paris, France

- Developed a cutting-edge mobile app, **Covoizz**, designed for **covoiturage** (carpooling) in France, leveraging **React Native** and **TypeScript**.
- Implemented a scalable **Hexagonal Architecture** to ensure a robust and maintainable codebase, enhancing application performance and modularity.
- Created an intuitive and engaging user interface with a focus on **UI/UX Design**, providing a seamless user experience that streamlined the carpooling process.
- Integrated various features including real-time ride matching, dynamic route planning, and user profiles to facilitate efficient carpooling.
- Collaborated with cross-functional teams to deliver high-quality, user-centric solutions, adhering to agile methodologies and best practices.
- Achieved a **30% increase in user engagement** through optimized UI/UX and performance improvements, contributing to the app's positive reception in the market.

Technologies: React Native, TypeScript, Hexagonal Architecture, UI/UX Design, Agile Methodologies

Web Developer Intern

Esprit School of Business

Jul 2023 – Sep 2023 Ariana, Tunisia

- Spearheaded the comprehensive overhaul of the Esprit School of Business (ESB) website, focusing on both backend and frontend development to significantly enhance performance, security, and user experience.
- User Management Security: Designed and implemented a robust user management system, including authentication (JWT, OAuth 2.0) and role-based authorization, ensuring secure and seamless access across the platform. Leveraged advanced technologies like Node.js and MongoDB to provide efficient user profile management.
- Backend Development: Led backend architecture redesign using Node.js, ensuring scalable and efficient data management through MongoDB. Integrated secure APIs, optimized database queries, and enforced data protection best practices to improve overall performance and reliability.

EDUCATION

Software Engineering

Esprit School of Engineering

Sep 2019 – Jun 2025 Tunis, Tunisia

STRENGTHS

Challenger Motivated Leader Flexible
Critical Thinking

LANGUAGES

Arabic ● ● ● ● ●
French ● ● ● ● ●
English ● ● ● ● ●
German ● ● ● ● ●

PROJECTS

StrapiGen (Strapi Plugin): a cutting-edge plugin designed to streamline the development process. With Strapi-Gen, effortlessly generate your database schema, generate standard and advanced web services, dock your project and seamlessly push it to your Git repository. Experience the convenience of automated workflows and gain insights through visual representations of your database with intuitive class diagrams. Strengthen your development journey with the power of Strapi-Gen.

Velou: Mobile Application for Cycling Enthusiasts Co-developed an innovative mobile app for Android and iOS, designed for cycling enthusiasts. The app offers seamless booking management, secure Stripe payment integration, and promo code support to enhance user experience. Focused on delivering an intuitive and visually appealing UI/UX for smooth booking, reservation, and payment flow. Additionally, developed a Flutter-based web admin platform to manage the mobile app, providing administrators with advanced tools and insights. The backend,

- Frontend Development: Translated detailed Figma designs into a fully responsive and dynamic user interface using React.js, ensuring a consistent and intuitive experience across devices. Collaborated with UI/UX teams to refine front-end functionality and optimize the user journey.
- Cross-Functional Collaboration: Worked closely with designers, project managers, and stakeholders to align technical solutions with ESB's business goals. Ensured that both frontend and backend components were seamlessly integrated, delivering a unified, scalable, and maintainable platform.

Technologies: Node.js, Express.js, MongoDB, JWT, React.js, REST APIs, Git, Figma

Full-Stack Developer

Soberank

📅 Jul 2022 – Sep 2023 📍 Remote | Tunis, Tunisia

- Full Stack Developer with expertise in modern web and mobile technologies, including:
- Backend: Proficient in Express.js, Symfony, Laravel, and Spring Boot for building scalable, secure, and efficient server-side applications.
- Frontend: Skilled in Angular and React.js for dynamic, user-friendly web interfaces.
- Mobile: working with Flutter and React native for creating cross-platform mobile apps with smooth user experiences. Strong understanding of RESTful APIs, databases, and cloud services, with a focus on delivering high-quality, full-stack solutions.
- Architecture: MVC-Mvvm-Hexagonale.. etc

Technologies: Figma, jQuery, JavaScript, PHP, Java, Git

Freelance Developer & Designer

RK Hub

📅 2022 – Present 📍 Remote | Tunis, Tunisia

- Delivered full-stack solutions, focusing on **React.js**, **Symfony**, and **Spring Boot** for scalable apps.
- Built cross-platform mobile apps using **React Native** and **Flutter**.
- Provided UI/UX and graphic design services to craft intuitive interfaces and wireframes.

Technologies: React.js, Flutter, Symfony, Spring Boot, NodeJs, UI/UX Design, Photoshop

SKILLS

Flutter

React.js

React Native

Node.js

Spring Boot

Android

iOS

Symfony

UI/UX Design

MongoDB

PostgreSQL

MySQL

Oracle

PHP

Java

JavaScript

built on Express.js, ensures real-time synchronization and reliability across both web and mobile platforms.

Infernal Games Platform:Architected and developed a full-stack gaming platform across web, desktop, and mobile using Symfony,java and codeName One. Focused on optimizing user experience and implementing secure, seamless transaction processes, while ensuring high performance and scalability.