



HELMI BEN ROMDHANE

MOBILE DEVELOPER

CONTACT

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Nabeul

SKILLS

- Flutter
- Node.js
- Figma
- Firebase
- MongoDB
- React-JS
- Angular
- Spring boot
- Keycloak
- MySQL

PROFESSIONAL EXPERIENCE

Developer January-February 2020**Internship: Neopolis Development - Nabeul**

- Creating a native website for movies.
- Reorganizing XML files to improve readability.

Technologies: HTML / CSS / Bootstrap / PHP / Panda

Developer July-August 2021**Internship: AfterCode - Nabeul**

Improvement of the performance of the BLP(Business law & politics):

- Adding a contact screen.
- Implementing internationalization (FR/EN/AR).
- Integrating with the database.
- Enhancing interfaces.

Technologies: NextJS / Django / PostgreSQL / Nodemailer

Developer February-June 2022**Internship: MetaService - Sousse**

Development of Grabit, a mobile delivery app for couriers, on Android and iOS:

- Implementing GPS location tracking.
- Managing notifications via SMS, phone calls with VoIP, and emails.
- Set up a QR code system.
- Creating a chat system between users.

Technologies: Flutter / TSOA / Twilio / Firebase / MongoDB / CheckMobi / Rest-API

Developer June-August 2024**Internship: ShopMyInfluence**

Development of Maggy, a mobile app for buying and selling secondhand clothing with virtual currency:

- Integrated a personalized recommendation system for each user.
- Implemented multilingual support (FR/EN).
- Set up multi-factor authentication.
- Integrated geolocation features.
- Developed modules for profile and item management.
- Designed responsive interfaces for Android, iOS, and tablet/iPad.

Technologies: React Native/ Firebase/ NodeJS

Developer February -July 2025**Internship: Gofield - Tunis**

Development of an intelligent web and mobile streaming module within Winshot (a retail-focused platform):

- Implemented multilingual support using i18n.
- Integrated LiveKit for real-time video streaming and chat.
- Automated attendee tracking and room lifecycle (start/end) using webhooks.
- Automated session recording with webhook triggers and storage on AWS S3.
- Enabled push notifications and calendar reminders to boost user engagement.
- Built support for instant and recurring sessions with conference recurrence management.
- Built feedback & survey system with RoBERTa sentiment analysis for actionable insights.
- Developed certificate generation and management module for participants.

Technologies: Mern stack / React Native / Firebase / Gitlab / AWS / Flask

FREELANCE PROJECTS

Frontend Developer **December 2022**

Freelance: Pixigrad - France

Improvements on the Castflix mobile video streaming app:

- Adding a subscription management module.
- Enhancing UI/UX.
- Integrating video streaming and screen sharing connected to the dashboard.
- Consuming APIs.

Technologies: Flutter / Node-js / MongoDB /Figma

Frontend Developer **February-June 2023**

Freelance: Tacos Korner - France

Design and development of Tacos Korner, a mobile ordering kiosk app for restaurants:

- Designing the app and preparing the project requirements document.
- Creating user interfaces.
- Consuming APIs.
- Implementing authentication management.

Technologies: Flutter / Node-JS / MongoDB / Star tsp100 / Epson / Figma.

Frontend Developer **July-October 2024**

Freelance: BMP Tunisie - Nabeul

Development of BMP Tunisia (Bon, Mauvais Plan), a mobile app for rating Facebook pages:

- Developed a feature allowing users to post reviews (positive or negative).
- Implemented a system for admin validation of posts.
- Set up user profile management.
- Designed a comment management module.
- Developed a review management module.
- Integrated a notification management system.
- Implemented authentication management.

Technologies: Flutter / MongoDB / NodeJS / Firebase push notification / Figma

Frontend Developer **August-October 2024**

Freelance: TrueTech - Monastir

Development of TrueTech, a mobile app for a phone sales and repair shop:

- Designed the app layout and structure.
- Developed modules for managing brands, phones, items, and invoices.
- Added a sales module for phones and accessories.
- Secured user data.

Technologies: Flutter / Spring boot / MySql.

Frontend Developer **October-February 2024**

Freelance: HFBatiment - Djerba

Development of HFBatiment, a mobile app for construction site resource management:

- Developing modules for managing inventory, equipment, human resources, and materials, along with user management.
- Implemented a calendar to track project progress against time.
- Developed a notification system.
- Implemented authentication management.

Technologies: Flutter / Node-JS / MongoDB / Firebase push notification / Figma

EDUCATION

Esprit **2023 - Today**

Software architecture engineering

Institut supéreiure des études technologiques de Sousse (ISET) **2019 - 2023**

License degree in Information Systems Development

High school of Dar chaabane el fehri **2018 - 2019**
Bachelor's degree in Computer Science.

ACADEMIC PROJECTS

Developer **July-Septembre 2022**

Project: Whisper

Development of Whisper, a social networking mobile application:

- Implementation of post management.
- Development of messaging group management.
- Implementation of private message management.
- User profile management.
- Integration of an authentication system.

Technologies: Flutter / Firebase

Developer **February -Juin 2024**

Project: Esprit piazza

Development of a forum management platform dedicated to Esprit:

- Implementation of authentication and profile management.
- Management of passwords (modification, reset, email confirmation).
- User administration.
- Sentiment analysis using RoBERTa.
- QR code scanning and generation.

Technologies: Spring Boot / Keycloak / Angular / MySQL / Python / Flutter