

# Aymen Ziouche

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## TECHNICAL SKILLS

- **Programming languages:** Dart, Python, JavaScript, HTML, CSS
- **Frameworks and Technologies:** Flutter, Firebase, Django, Flask, Git, React
- **Languages:** English, Arabic

## EXPERIENCE

### Attraxia

July 2023 - Current

Flutter Developer, Full-time

Remote

- Fixed critical bugs within the production application to ensure a smooth user experience.
- Implemented internalization feature to cater to a wider audience and enhance accessibility.
- Introduced a ticket feature enabling users to easily report problems and streamline issue resolution.
- Introduced the innovative "shake to report problem" feature to streamline user feedback.
- Leveraged BLE (Bluetooth Low Energy) devices to extract data and generate comprehensive reports on movement risks.
- Successfully integrated BLE data reading capabilities within the application for a seamless user experience.
- Implemented a firmware version update feature for BLE devices directly from the application interface.
- Enhanced overall UX by optimizing app responsiveness, reducing delays, and strategically incorporating loaders throughout the application.

### Mactabbi.com

Jan 2023 - Apr 2023

Flutter Developer, Freelance

Annaba, Algeria

- Developed Mactabbi, an application enabling users to search for and book coworking spaces, incorporating advanced features such as map-based searching, date and time-based booking, and a points system for reservations.
- Implemented a dynamic QR code system that generates a new QR code every few seconds for secure access to the coworking space.
- Created a separate host application capable of scanning the generated QR codes and verifying their validity for streamlined access management.
- Integrated various functionalities seamlessly to provide a comprehensive user experience, promoting efficient utilization of coworking spaces.

### Miit.co

Feb 2022 - Jul 2022

Flutter Developer, Full-time

Remote

- Orchestrated a comprehensive enhancement of the offline mode by implementing an efficient caching and retry strategy within the user and profile sections, ensuring a seamless user experience even in low-connectivity scenarios.
- Integrated real-time location tracking, enhancing the application's functionality and enabling users to utilize location-based features seamlessly.
- Leveraged Google Maps integration with custom markers and themes, optimizing the user experience and providing a visually appealing interface.

### dztenders.com

Jun 2021 - Sep 2021

Flutter Developer, Internship

Annaba, Algeria

- Played a key role in the implementation of an internalization feature, facilitating the application's adaptability to different language preferences and enhancing its accessibility for a wider user base.
- Demonstrated a strong contribution in creating reusable components, streamlining the development process and promoting code efficiency.
- Assisted in the development of search filters, enhancing the application's search capabilities and improving user accessibility to relevant information.

## PERSONAL PROJECTS

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### Adoptini

[See Here](#)

#### Personal Project

- platform for pet adoption, connecting users to pets and facilitating adoptions. Features include user profiles, pet searches, and a messaging system for communication. Simplifying the adoption process and fostering meaningful connections.
- Implemented secure user authentication and seamless data storage functionalities utilizing Firebase, ensuring robust data security and streamlined user access management.
- Implemented the Cubit state management system to efficiently manage the application's state and ensure smooth and responsive user interactions.
- Integrated a comprehensive maps searching feature, enabling users to search for pets based on their geographical locations and providing an interactive and location-based browsing experience.
- Integrated efficient image uploading and storage capabilities using Firebase, facilitating seamless multimedia management and ensuring an enhanced user experience within the application.
- Incorporated an in-app messaging system to facilitate communication between users, streamlining the adoption process and enabling seamless coordination between pet owners and potential adopters.
- Implemented comprehensive CRUD (Create, Read, Update, Delete) functionalities, allowing users to easily add, edit, and delete pet profiles, ensuring the accuracy and relevance of the information displayed on the platform.
- Ensured multilingual support by internalizing the application in French, Arabic, and English, enhancing accessibility and user-friendliness for a diverse user base.
- Leveraged geolocation services to display the nearest available pets to users, providing localized and relevant results based on the user's current location.
- Implemented a robust search feature, enabling users to efficiently filter and find specific pets based on various criteria, facilitating a streamlined and tailored adoption process.

### IDCardConnect

[See Here](#)

#### Personal Project

- Developed an application for reading ID cards using NFC technology, incorporating Firebase for authentication and data storage.
- Ensured a smooth and intuitive user experience despite the technical intricacies associated with NFC technology, facilitating user-friendly ID card reading and data retrieval within the application.
- Dealt with data structure challenges while saving and managing the extracted data from ID cards to Firebase, ensuring the accuracy and integrity of the stored information.
- Successfully implemented Firebase for secure user authentication, managing user access, and ensuring data security throughout the application.

### WageWise Pro

[See Here](#)

#### Personal Project

- A user-friendly application that helps calculate and monitor income based on the user's hourly rate, providing real-time insights into earnings per second, minute, hour, and day.
- Implemented a robust and accurate income calculation system, providing users with real-time insights into their earnings at various intervals, including per second, minute, hour, and day.
- Designed comprehensive monitoring features, allowing users to track and analyze their income trends over specific time frames, facilitating better financial planning and decision-making.
- Ensured data accuracy and reliability within the application, enabling users to rely on the WageWise Pro application for precise income calculations and monitoring with confidence.
- Incorporated responsive design principles, ensuring the application's seamless functionality and compatibility across various devices and screen sizes for an optimized user experience.

## EDUCATION

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### Bedji Mokhtar University - Annaba, Algeria

Sep 2020 - Jun 2023

Bachelors degree in Journalism and Communications