

HICHAM MOHAMAD ALI

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- SUMMARY -

I'm a recent Lebanese University graduate with expertise in mobile development using Flutter, Dart, and React Native, alongside a solid foundation in Java. I'm passionate about building user-friendly applications and continuously enhancing my problem-solving skills, as demonstrated by solving over **100 LeetCode problems**. Fluent in Arabic, French, and English, and committed to growth through active involvement in developer communities..

- EXPERIENCE -

- Lebanese University Projects:

Restaurant App

(07/2023) - (11/2023)

Created an mobile app using Java in Android Studio.

The app allows me to enter a restaurant's name, address, website, and phone number, then save it.

I can then go to the restaurant list to delete, update, browse, or call the selected restaurant.

- Flutter Mobile Application:

project 1, BMI Calculator

(05/2024) - (07/2024)

I developed a BMI Calculator app using Flutter with a professional design and a streamlined user experience. The app includes

- Gender Selection: Users choose between "male" and "female."
- Height and Weight Selection: Two separate ListViews allow users to pick their height and weight effortlessly.
- Age Input: A TextField is provided for age entry.
- State Management: State management is used to gather all inputs (gender, height, weight, and age).
- BMI Calculation and Result: The app calculates BMI and categorizes the result as underweight, normal, or overweight.

project 2, TodoApp

(07/2024) - (08/2024)

Developed a To-Do application ([Github](#)), focusing on seamless task management with robust functionality. Key features include:

- API Integration: Integrated with Swagger API to perform CRUD operations (GET, POST, PUT, DELETE) for efficient task management.
- State Management: Utilized the Provider package to simplify state management, enabling efficient updates across the app.
- Custom Date Handling: Employed DateFormat to format dates according to specific requirements, ensuring consistency across the interface.
- Flexible Task Management: Used SingleChildScrollView to enhance the user experience when adding or updating tasks, allowing smooth navigation even with extensive content.

project 3, WeatherApp

(07/2024) - (08/2024)

Developed a responsive WeatherApp ([Github](#)), designed to provide real-time weather updates with an intuitive user experience. Key features include:

- State Management: Used BlocProvider for effective state management, with states organized in states_app.dart and managed through cubitWeather.
- API Integration: Integrated dio package for seamless data fetching from WeatherAPI.
- Responsive Design: Built with adaptability in mind to ensure functionality across different screen sizes.
- Weather Icons: Incorporated the Weather_icons package for a visually engaging experience.
- Data Handling: Transformed JSON data into structured Dart objects using a dedicated weathermodel class for smooth data manipulation.

- EDUCATION -

Lebanese University

Lebanon

Bachelor Degree in computer science, GPA : 3.3/4

Graduation Year (2024)

Tripoli Technical Institute

Lebanon

Technical Excellence Certificate in Heating and cooling

Graduation Year (2021)