

Mohamed Adel Attia

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Skills

Flutter Development

- Dart Programming Language | Flutter UI Development | State Management | Asynchronous Programming
- API Integration | Firebase Integration | Navigation & Routing | Performance Optimization
- Unit Testing & Widget Testing | App Deployment | Cross-platform Development
- Version Control | CI/CD | Push Notifications | Package & Plugin Integration | UI/UX Design

Additional Tools & Technologies

- **GitHub:** Repository management and collaboration for version control.
- **Git:** Source code version control and branching.

Education

- Bachelor's Degree in Management Information Systems
- University: El Sherif Academy
- Graduation Year: 2022
- Grade: Good

Experience

Flutter Developer

- Freelance (2024 - Present)
- Develop cross-platform mobile applications using Flutter for diverse clients.
- Implement backend infrastructure with Firebase services (Authentication, Firestore, Storage).
- Efficiently integrate APIs and third-party libraries (e.g., payment gateways) to enhance application functionality.
- Collaborate with clients to deliver user-friendly, feature-rich applications on time.
- Collaborate with clients to refine app features and deliver optimal user experiences.

Certificates

- Mobile Development using Flutter, AMIT (2024)
- Digital marketing, Google (2022)
- MOS Course, Microsoft (2022)

Projects

• Chat App

-Registration and login: The ability to create a new account or log in using email or social media (such as Firebase Authentication). Instant messaging: Sending and receiving messages in real-time using Firebase Realtime Database. Individual and group chat: Support for individual and group chats with the ability to add members to conversations..

-Key features:

- **Authentication:** using Firebase Email and password, or Google sign in.
- **Firebase Realtime Database / Firestore:** To store messages in real-time and enable instant chat.
- **Notifications:** To display notifications to users when new messages arrive or when the status is updated.
- **Provider / BLoC:** State management techniques to update the user interface based on changes in messages or connection status.
- **Firebase Storage:** To store and share files and media (images, videos, documents).

• News App

-Displaying news by category: classifying news into categories such as 'World', 'Technology', 'Sports', 'Economy', etc. , Periodic news updates: Automatically update news using the pull-to-refresh feature or continuous updates from the API. , Displaying news details: When clicking on the news, the application shows the details of the news such as the title, date, and the attached image.

-Key features:

- **API:** Connecting to news sources via APIs.
- **Provider / BLoC:** Techniques for state management to load data from the API and update the user interface based on the data response.
- **HTTP / Dio:** Dart libraries for making HTTP requests to APIs and retrieving news quickly and efficiently.
- **CachedNetworkImage:** To temporarily load news images and improve the application's performance.

• **E-commerce App**

-Developed a classic e-commerce shopping app with a focus on seamless user experience and efficient data management. The app enables users to browse products, add items to their cart, and securely complete purchases.

-Key features:

- **REST API Integration:** Utilized REST API as the backend to handle data transactions between the app and server, ensuring smooth and efficient communication.
- **HTTP Requests:** Implemented Dio for managing HTTP requests and handling API responses, optimizing data retrieval and error handling.
- **State Management:** Employed Bloc (Cubit) for state management, allowing better control over the app's state and ensuring a consistent and responsive user interface.

• **Todo App**

-Adding new tasks: the ability to easily add new tasks with details such as title and date. Editing tasks: the possibility to modify existing tasks to update details or texts.

-Key features:

- **SQLite:** A local database for permanently storing tasks.
- **Provider / BLoC:** State management techniques for updating the user interface when adding or deleting tasks.
- **SharedPreferences:** Storing some simple settings or user data locally.
- **Dart async/await:** Handling asynchronous operations such as saving or retrieving data from the database.

• **Weather App**

-Display the current weather: Show current weather information such as temperature, humidity, wind speed, and atmospheric pressure. , Support for multiple locations: The ability to search for the weather in different cities using the city name or geographical coordinates.

Additional Information

Languages:

- Arabic (Native)
- English (Good)

Technical Skills:

- Design Tools: Photoshop, Figma, Adobe XD
- SEO Tools: Google Analytics, SEMrush, Moz, Ahrefs
- Project Management Tools: Asana, Trello, Jira
- Web Development: Dart (Flutter), HTML, CSS.