

# Menna Ihab

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01273181401  
Alexandria, Egypt

## Summary

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Junior Android Developer with a passion for creating innovative and user-friendly mobile applications. Proficient in Java and Kotlin, with a solid understanding of Android SDK and frameworks.

## Experience

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### Software Engineer

nWeave • Alexandria, Egypt

08/2023 - Present

- Developed a Bluetooth application that established seamless connections with devices, enabling users to initiate sessions and access detailed session statistics.
- Implemented data synchronization with Firestore for efficient storage and retrieval of user data.
- Conducted extensive testing of the codebase to ensure robustness and reliability, identifying and resolving any bugs or issues encountered.
- Enhanced the application by introducing additional features such as waypoint functionality, enhancing the overall user experience.
- Collaborated with cross-functional teams to gather user requirements and translate them into technical specifications.
- Actively contributed to the software development life cycle, including requirements gathering, design, development, testing, and deployment.
- Demonstrated strong problem-solving skills, promptly identifying and addressing technical challenges to deliver high-quality software solutions.

## Projects

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- **MyShop Android Application (Kotlin - Jetpack Compose):** It is an m-commerce app that displays products from various vendors, allows authenticated users to add and delete items from carts, add it to favorites and allow them to finish the entire online purchase using the application.
- **Weather Forecast Android Application (kotlin):** It is an application in which user can get weather forecast for any location using GPS or Map, follow the weather for the coming days, add alerts to some places, and save some favorite places. The app supports Localization.
- **Food Planner Android Application (Java):** It is an application in which authenticated user can plan his daily meals, search for different Food, view many categories and add meals to favorites.
- **Network based Tic Tac Toe Application (Java):** it is an application in which players can play with computer. Two players can play locally or on two different machines.
- **SportsApp Ios Application (Swift):** It is an application that lists all global sports and all leagues for a particular sport and country, user can view latest events.
- **Booking web application (React, NodeJS):** The app helps the tourist in his whole trip starting from booking a flight to Egypt, booking his favorite hotel, choosing a tour guide and ending with ability to generate his own plan based on his time and pay for everything as a package.

## Education

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### Native Mobile Applications Development

(ITI) Information Technology Institute • Alexandria, Egypt

06/2023

October-June 2023 ,9-Month Diploma (ITI) Information Technology Institute, (MCIT) Ministry of Communications and Information Technology, Native Mobile Applications Development, Alexandria Branch.

## SSP computer and communication program

BSc. Alexandria University, Faculty of Engineering, • Alexandria, Egypt  
GPA:3.37 (Excellent).

07/2022

### Skills

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java, kotlin, Room, Retrofit, Coroutines, Flow, Material Design, RxJava, Jetpack Compose, Servlets, Gradle, OOP Concepts, SQL, Firebase, Data Structures, Unit Testing, Espresso, MVC, MVP, MVVM, Objective-C, Swift, UI Kit, Auto layout Constraints, Core Data, Swift UI, Cocoa Pods (Alamofire, Kingfisher, Reachability, Lottie), MVC, MVP and MVVM Architectural patterns, C, C++, HTML, CSS, JavaScript, Android Studio, XCode, Git, Linux, Trello, Agile Software Development, Planning, time management, ability to work under pressure, Good Project Management, Communication Skills, High Passion and Right Patience, Excellent Presentation Skills

### Languages

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Arabic, English( Professional Speaking and Writing), Italian(Beginner)

### Certificates

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HackerRank basic problem-solving certificate.

### Links

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**Github:** <https://github.com/mennaihab>

**LinkedIn:** <http://www.linkedin.com/in/menna-ihab>

**HackerRank:** <https://www.hackerrank.com/mennaihab2008>