





Mahmoud Sameh

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SUMMARY

- Passionate software engineer with 1.5 year of hands-on experience as a mobile application developer, creating robust and user-friendly mobile applications. Driven by a desire to deepen my expertise in mobile development, I have also completed an iOS development course, gaining a comprehensive understanding of the iOS ecosystem..

EXPERIENCE

Mobile Application Developer

React Native

National Unified Procurement Company "NUPCO", Saudi Arabia

Dec 2023 - Current

- Responsible for the maintenance and enhancement of the "Nupconeers" application, ensuring its stability, scalability, and usability for users.
- Led the refactoring efforts to optimize the application's codebase, resulting in improved code maintainability, readability, and performance.
- Contributed in developing an application called "iNupco" that manages both the D2D (delivery-to-department) scenario and the outbound process which is delivering medical equipment from Nupco warehouses to hospital's inventory.
- Contributed in developing an application called "Hajj Tracking" used during the Hajj season in Saudi Arabia to track delivery men location while delivering medical supplies to hospital inventories from Nupco warehouses.
- Implemented continuous location tracking functionality for delivery personnel across all app states: foreground, background, and when the app is terminated, ensuring high accuracy and reliability.

SKILLS SUMMARY

Languages and Frameworks: JavaScript, TypeScript, Swift, React Native, React, SwiftUI

Mobile Development Tools : Vscode, Xcode, Android Studio, NPM, CocoaPods, Git

State Management and APIs : Redux, Context API, Zustand, RESTful APIs, Axios, React Query, Firebase (Auth, Firestore, Cloud Messaging)

Problem Solving : 420+ problems on different online judges

Soft Skills : Teamwork, Communication, Time Management

PUBLISHED APPLICATIONS

Nupconeers

- [Google Play Store] <https://play.google.com/store/apps/details?id=com.nupconeer>

iNupco

- [Google Play Store] <https://play.google.com/store/apps/details?id=com.inupco>

EDUCATION

Ain Shams University

Sep 2018 - June 2022

Bachelor of Computer Science

Grade: Very Good

- Relevant Coursework: Structured Programming, Data Structures, Information Systems, Algorithms design and analysis, Object-Oriented Programming, Discrete Mathematics, Linear Algebra, Database, Software Engineering , Operating System , Compilers , Image processing , Machine learning and Networks fundamentals

Clima

- Developed "Clima" an iOS application that allows users to search for weather data of any city using the OpenWeather API.
- Implemented Core Location to retrieve and display current location weather data, enhancing user experience with real-time updates.
- Utilized the Delegate design pattern to efficiently pass weather data from the model layer to the main view controller.
- Enabled dark mode support throughout the application, providing a modern and visually appealing user interface.

FlashChat

- Developed "FlashChat" an iOS application that enables real-time chatting between users.
- Integrated Google Firebase Authentication for secure user login and registration processes.
- Utilized Firestore to store and manage user messages in real-time, ensuring seamless communication.

H4XOR

- Developed "H4XOR" a two-page iOS application using SwiftUI to fetch and display news articles from the Algolia API in a dynamic list.
- Implemented the Observable design pattern to manage state and subscribe to real-time news updates via a custom "NewsManager" class.
- Integrated "WKWebView" to seamlessly open and display the full news articles within the app.