AHMED ALTAHHAN

tahhancoding@Gmail.com

(+20) 010 21 67 69 64

IOS DEVELOPER

OBJECTIVE

A highly motivated and detail-oriented iOS developer with a passion for crafting exceptional, user-focused applications. Proficient in utilizing industry-standard tools and technologies. Seeking opportunities to collaborate on projects that are built to make user's life easier. Adept at designing user-friendly interfaces and implementing readable and maintainable source code. Committed to continuous learning and staying abreast of the latest advancements in the dynamic software industry.

Git   **In**

SKILLS

• **Technical Skills:** Swift, SwiftUI, UIKit, JSON, SPM, CocoaPods, API, Auto layout, OOP, POP, SOLID, MVC, MVVM, Core Data, Unit Testing

• **Toolset:** Xcode, GitHub, SourceTree, Slack, VS Code, Office, Photoshop, Illustrator

• **Soft Skills:** Communication, Collaboration, Leadership, Teamwork, Time management, Self-Motivation, Problem Solving, Technical Writing

WORK EXPERIENCE

Jan.2023 – Present:

GYM ROUTINE TRACKER – Open Source

• Implemented a SwiftUI View that allows user to change default workout exercise settings using stepper and Picker.
• Solved issue that prevented Picker from Binding Unit Int16 raw value by using intermediate state variable that holds the unit and assign that unit on change to an app storage variable in a separated singleton struct.
• Successfully connected the stored settings with the view that creates new exercise to initialize the exercise with default settings.

Skillset: **SwiftUI**, Singleton, apps storage, SPM, Debugging, Problem Solving, Git

Jan.2023 – Present:

TODO POMODORO - Independent

• Increased the functionality of the app by adding Core Data for data persistence, allowing users to save their tasks and progress.
• Incorporated a motivational advice feature that shows up on the Pomodoro view, with new advice every session, retrieved from a remote API to encourage users to be more productive.
• Optimized the user experience by fixing data passing issues between the parent view and Pomodoro view, passing Task data to sheet view and updating the parent view in real-time based on changes in the sheet view.
• Added session undo functionality.
• Fixed issues of initializing core data entity on run.
• Successfully extended timer functionality to continue advancing while the app is running in the background, for uninterrupted tracking of Pomodoro sessions.

Skillset: **SwiftUI**, OOP, MVVM, Timer, Core Data, API, Sheet View, Git

Dec.2022 – Present:

ADDRESS BOOK PRO - Independent

• Developed an application that displays contacts data in a table view by decoding a JSON file.
• Wrote a function to parse JSON data, modeled the data and displayed it in sections and rows.

Skillset: **UIKit**, OOP, MVC, JSON, UI Table View Controller, Git

Dec.2022 – Mar.2023:

QURAN CIRCLE - Freelance

• Localized application strings using Localizable.strings and Localizable.stringsdict, making it easy for users to access the app in their preferred language.
• Implemented various features and enhancements to the application, including modifying storyboard constraints, fixing UI elements, and improving app performance and user experience.
• Debugged and resolved audio player memory leak and modified the downloading scenario, ensuring efficient app performance and storage optimization.
• Refactored a critical class responsible for audio playback by incorporating dependency injection to optimize memory utilization, improve code structure, and simplify maintenance through separation of AV Player code and UI View code. This approach also enhances testability and promotes the modularization of code, leading to a more scalable and maintainable application.

Skillset: NSLocalizedString, genstring, stringsdict, Dependency Inversion, Issue Reproduction, Debugging, Problem solving, AV Foundation, Storyboard, Git

EDUCATION

Bachelor of Production Engineering 2020, Alexandria University
• Coursework included Production planning, Resources Management, Information systems, Engineering Management, Project Management.

RELEVANT COURSES

• CS50's Introduction to Computer Science, Harvard University.
• CS193p Developing Application for iOS using Swift UI, Stanford University.
• 100 Days of Swift (UI Kit), Paul Hudson.

VOLUNTEER/LEADERSHIP

• Led my graduation project team and most mini-Projects.
• Helped along years in managing students' data base in my childhood primary school.