

Amr Mohamed

Senior iOS Software Engineer

(Swift, Combine, RXSwift, MVVM, SwiftUI).

Cairo, Egypt

+201004676701

iAmrMohamed.me

iAmrMohamed@gmail.com

[Github](#) [Linkedin](#) [Leetcode](#)

EDUCATION

University of Sinai, El-Arish, North Sinai,
B.S in Information Technology, 2012 – 2016.

OPEN SOURCE

- [DigitEntryView](#) iOS digit input field with multiple styles designed for entering OTP codes.
- [SlideUpSheet](#) custom presentation controller that slides up from the bottom and can be dismissed with a swipe down pan down gesture with a dynamic background that dims when swiping.
- [BlurPopover](#) popover custom presentation controller with a dynamic blur background that changes the blur radius when swiped up and down with a title and dismiss button like navigation bars.
- [AMKeyboardFrameTracker](#) keyboard frame tracker that gets attached to `inputAccessoryView` to track the current keyboard frame to emulate the interactive keyboard dismissal effect.
- [AMVideoRangeSlider](#) and [AMSloMoRangeSlider](#) video range sliders that replicate the native iOS range slider, designed for dragging a slider between a specific range of video content.

WORK EXPERIENCE

[Botit](#) — world class e-commerce chatbot application.

4/2018 - PRESENT

Senior Software Engineer

- Introduced the **MVVM** reactive architecture using **RXSwift** initially and then **Combine** later resulting in a significant improvement in the entire codebase specially the chat component.
- Took the initiative to build 3 widgets using **SwiftUI** for the iOS 14.0 home screen, which lead us to rewriting over 20% of the app being revamped into **SwiftUI components** enhancing many of the complicated components in the app.
- Implemented fully automated release process using **GitHub Actions** and **Fastlane**, reducing deployment time by 70%, allowing us to deploy more frequently and streamlined app updates.
- Contributed to the hiring process of the iOS developer candidates by assisting in the screening and the evaluation of the technical skills.
- Mentored junior and mid-level developers, providing guidance on **best practices** and ensuring code quality through regular **code reviews** and conducting **pair programming** sessions resulting in improved productivity and higher quality code.

iOS Software Engineer

- Initially architected the entire app from scratch using (**Swift**, **MVC** and **UIKit**).
- Built more than 3 custom **Presentation Controllers** and custom **Interactive Animated Transitions** resulting in a huge improvement in the user experience flow across the entire app.
- Built an internal **WebSocket** wrapper around the native **URLSession** to facilitate the use of web sockets in the app with 80% test coverage for the wrapper.
- Introduced **Bitrise** CI/CD pipelines to automate **TestFlight** builds and run **Unit Tests**, resulting in significant time savings and improved overall development efficiency.

[Beetleware](#) — iOS Software Engineer

2/2016 - 3/2018 (2 years, 2 months)

Software House Company with more than 70 developers.

- Worked on more than 10 apps and monitored more than 5 junior developers in my team.
- Started learning more about app architectures and introduced **RXSwift** to the team.
- Took the initiative to automate the deployment process by using a continuous delivery service.
- Built and architected a **networking framework** to facilitate all types of networking calls.
- [Aseel](#) is a crowd-investing development services in Saudi Arabia.
- [Mahsol](#), [Hayati](#), [Hashi Basha](#) food ordering apps .
- TabibyLive, [Doctors](#), [Patients](#) digital healthcare booking platform.
- DocEgy, [Doctors](#), [Patients](#) digital healthcare booking platform.
- [Rest4Rest](#), [Rest4Rest Supplier](#), [Rest4Rest Delivery](#) multi-platform operational solutions for restaurants and hotels.

[ABG EGYPT](#) — iOS Software Engineer

11/2014 - 1/2016 (1 years, 3 months)

Software House Company - worked on more than 5 apps with a team of 7 developers.

- [Johnson KSA](#) worked on a **3D** rendering view using **SceneKit**, that shows cars in a **3D** environment and allows the customers to change the tint color of car glasses.
- [E-Toggar](#) and [Kreaz](#) are e-commerce apps for selling online products.
- [Elogra](#) fare calculator app that helps passengers calculate the fare for public rides.
- [Ewsally](#) on-demand offers platform that provides personalized deals to users based on location.

[KlarApps](#) — iOS Software Developer

3/2014 - 10/2014 (8 months)

Software House Company - built my very first 2 apps from scratch.

- I used mostly **MVC** as a design pattern for all the apps.
- [Taahel](#) social platform that serve people with special needs, **Taahel** was a huge app I learned tons of new stuff and worked on more than 120 screens in this app only.
- [Spare](#) is a social platform for selling car parts online .

INDEPENDENT & CONTRACT iOS ENGINEER

- [Ekeif](#) social platform that means E-How for watching how to videos.
- [Almasar](#) dubai's RTA official monthly magazine.
- [SlooMo](#) captures, edits, exports videos into slow motion videos.

PROFICIENT

Swift, Combine, RxSwift, MVVM, MVC, Coordinator, SwiftUI, Clean Architecture, CoreData, Realm, GitFlow, CI/CD, Fastlane, Xcode Cloud, Unit Tests, UI Tests, Agile, JIRA, Problem Solving.