

# Amr Mohamed

## Senior iOS Software Engineer

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

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### SUMMARY

Highly skilled and experienced iOS Software Engineer with more than 8 years experience in developing iOS mobile applications, worked on more than 30 iOS apps across 3 different software house companies which helped me work on a wide range of native and 3rd party frameworks and allowed me to have a deep and up to date knowledge of the core iOS development principles.

### 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](#)

Leading e-commerce platform serving in the Middle East.

Apr 2018 - Present · 5 yrs 6 mos

#### Senior Software Engineer

- Rearchitected the entire codebase from **MVC** to **MVVM** using **RXSwift** initially and then **Combine** later resulting in a significant improvement in the entire code maintainability and testability.
- 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

- Over a span of more than 5 years working on this app, I've consistently contributed across the entire development lifecycle, engaging comprehensively with nearly every aspect of its feature set.
- 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

Software House Company with more than 70 developers.

Feb 2016 - Mar 2018 · 2 yrs 2 mos

- Worked on more than 10 apps and monitored 5 junior developers in my team.
- Introduced **MVVM** design pattern resulting in a huge improvement in code maintainability and testability while also simplifying development workflows and reducing code complexity.
- Took the initiative to automate the deployment process by using a continuous delivery service.
- Built a **networking framework** streamlining all types of networking calls across all company apps, resulting in a dramatic 90% improvement in the speed of building networking layers for new apps.
- [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

Software House Company

Nov 2014 - Jan 2016 · 1 yr 3 mos

- 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

Software House Company

Mar 2014 - Oct 2014 · 8 mos

- 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 across the entire app.
- [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.

## EDUCATION

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

## 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.