

# Omar Barkat

## iOS Developer

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🔗 Portfolio

### Skills

#### Experience with performance and memory tuning tools.

##### 1. Technical Skills

- **Programming Languages:** Swift, Objective-C
- **Frameworks and Libraries:** UIKit, SwiftUI, Core Data, Core Animation, Combine, RxSwift, App Intents Framework, Alamofire
- **Design Patterns:** MVC, MVP, MVVM, VIPER, Clean Architecture
- **Version Control:** Git, Github
- **API Integration:** RESTful APIs, JSON, OpenAI APIs
- **Mobile Development Life Cycle:** Solid understanding of full mobile development life cycle
- **Software Development Principles:** SOLID Principles, Object-Oriented Programming (OOP), Protocol-Oriented Programming (POP)
- **App Development And Optimization:** Application Components, Performance Optimization, Debugging and Troubleshooting, Code Quality
- **User Interface And User Experience:** Design Principles, Apple Design Guidelines, App Intents Framework
- **Testing:** Unit Testing
- **Payment Integration:** Apple Pay, Stripe
- **Tools:** XCode, CocoaPods, Gira
- **Other Skills:** Agile, Scrum, Problem Solving

##### 2. Collaboration and Communication

Team Collaboration, Cross-functional Collaboration, Technical Documentation, Communication Skills, Leadership

##### 3. Published Apps on the App Store

- Amtalek : <https://apps.apple.com/eg/app/amtalek/id6612025764> 📄
- Go Offer : <https://apps.apple.com/eg/app/go-offer/id6480516688> 📄

### Professional Experience

#### Vodafone Egypt, iOS Developer 📄

October 2024 – present | Smart Village, Egypt

- Developing iOS applications for a major project implemented for Vodafone.
- Utilizing modern technologies such as Swift, UIKit, RxSwift, and SnapKit to optimize application performance and ensure compatibility with the latest iOS versions.
- Collaborating with cross-functional teams to design, develop, and implement new features to enhance user experience.
- Utilizing modern technologies such as Swift and UIKit to optimize application performance and ensure compatibility with the latest iOS versions.
- Participating in application testing and debugging to ensure adherence to the highest quality standards.
- Contributing to design strategies and providing innovative solutions to meet project requirements.

#### E-Ramo For Digital Solution, iOS Developer 📄

2023 – 2024 | Nasr City, Cairo, Egypt

During my tenure at For Digital Solution, I served as an iOS Developer. My responsibilities included:

Feb 2023 – April 2024

- Developing and maintaining iOS applications for various projects using UIKit and swiftUI.
- Integrating third-party libraries like Alamofire and SwiftyJSON for networking and data parsing tasks.
- Implementing tab bar animations to enhance user engagement and experience.
- Employing XIB files for interface design and facilitating UI components' customization.
- GitHub Source control.
- Google Authentication and Firebase Chatroom.

Throughout my time at For Digital Solution, I consistently delivered high-quality iOS applications while staying abreast of the latest technologies and best practices in iOS development.

#### ios development, ios developer

2022 – present | Cairo, Egypt

Successfully developed 3 successful applications self-Learning, including [ Prayer Times App - Social Media App - Weather App].

Collaborated seamlessly with multidisciplinary teams to achieve project goals.

Innovative solutions to enhance user experience and engagement.

#### NANSC, Telecommunications Engineer

2017 – 2022 | Cairo, Egypt

Professional Experience:

- Served as a Telecommunications Engineer for 5 years at Nansc.

### Projects

#### Ana Vodafone App, Role: iOS Developer (Cash Section) 📄

September 2024 – present

**Technologies:** Swift, RxSwift, MVVM, Keycloak, Alamofire, CoreData, REST APIs


##### Description:

- Played a pivotal role in the Vodafone Cash Revamp initiative within the Ana Vodafone app, enhancing a key financial service.
- Redesigned and optimized the feature to improve usability and performance.
- Integrated advanced technologies like Apple Pay for seamless payment processing.

- Implemented enhanced security measures to safeguard user transactions.
- Delivered an intuitive interface and reliable tools for effective financial management, elevating the user experience.

#### **Baku iOS App & watchOS App (Freelance),**

September 2024 – October 2024


Baku – Integrated iOS & watchOS Social and Health Tracking App 

#### **Baku – Social Entertainment & Health Tracking App**

Baku is a feature-rich social entertainment app that allows users to **connect, customize, and track health stats** in an interactive experience.

- **Social Connectivity:** Discover nearby users, view profiles, and manage friend requests.
- **Customization & Shopping:** Purchase and customize outfits for a virtual character, seamlessly syncing with Apple Watch.
- **Health & Activity Tracking:** Monitor steps, sleep, heart rate, and water intake with detailed progress insights.

Designed for an engaging and immersive experience, integrating **watchOS compatibility** for real-time synchronization.

- Successfully uploaded to **App Store Connect** and made available for testing via **TestFlight**.  TestFlight:

<https://testflight.apple.com/join/2nctAkzm> 

#### **FitFuel App(Integrated with OpenAI)**

September 2024 – September 2024

FitFuel is a calorie-tracking app that calculates calories, proteins, fats, and carbs using the OpenAI API. It helps users monitor their daily intake and provides nutritional recommendations for a healthier lifestyle.

#### **Technologies Used:**

- OpenAI API
- Swift.
- SwiftUI.
- URLSession.

#### **Sportivo – E-commerce Sports Fashion App (iT Graduate Project)**

September 2024 – September 2024

- Developed a Shopify-based iOS app for sports products, including seamless navigation, product filtering, and shopping cart functionalities.
- Integrated payment methods with Stripe for a smooth checkout experience.
- Enhanced user experience by enabling Siri and Shortcut App integration via App Intent Framework for voice-activated shopping.
- Used MVVM Coordinator design pattern, network requests with Alamofire, Authentication with Shopify and google.
- Stripe for payment method.

#### **Amtalek(Real Estate - Social Media):**

February 2024 – May 2024

- UIKit and Combine framework.
- Combine Between UIKit and SwiftUI.
- MVC architecture pattern.
- integrated REST APIs.
- Employing XIB files facilitated interface design.
- Google Authentication and Firebase Chatroom.
- Unit Testing.
- invoke siri interactive and widgets using AppIntent Framework.


#### **Game Play App, Comprehensive Sports App with Multi-Sport Coverage and Customizable Favorite Leagues**

August 2024 – August 2024

- Developed a multi-sport app covering football, basketball, cricket, and tennis.
- Implemented dynamic navigation using the MVVM design pattern.
- Integrated Core Data and API services for seamless data loading based on user interaction.
- Applied SOLID principles to ensure a scalable and maintainable codebase.
- Integrating a widget feature for quick access to favorite leagues and real-time updates directly from the home screen.

#### **Go Offer(application available on the App Store):,**

February 2023 – April 2023

application available on the App Store 

- Description: Developed and deployed the Go Offer app to the App Store
- Used UIKit Framework.
- integrated REST APIs.
- Used Multi part - Alamofire - MOLH - Animations... Libraries.

#### **Todo List App, Manage daily tasks created by using Objective C**

July 2024 – July 2024

- Objective C
- Core Data

## **Profile**

**Results-driven iOS Developer with 3 years of experience** in creating high-quality, scalable applications that enhance user experience and meet industry standards. Proficient in Swift and Objective-C, with a deep understanding of iOS frameworks and best practices. Skilled in working with cross-functional teams to design, develop, and launch robust features that align with business goals. Successfully delivered multiple apps with high App Store ratings, demonstrating strong abilities in problem-solving, performance optimization, and debugging to ensure an exceptional user experience.

## **Training**

### **Training, Information Technology Institute (ITI)**

May 2024 – September 2024  
Knowledge City - New Capital, Egypt

Training and Professional Development  
Trainee at ITI Scholarship - Intake 44

- Objective C
- Swift (UIKit - SwiftUI)
- RxSwift Framework- Combine Framework
- Design Pattern - SOLID Principles

- Agile methodology

## Education

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**Telecommunications Engineering**, Alexandria University  
Bachelor's Degree in Telecommunications Engineering Major  
Effective Negotiation.  
Team Leadership.

September 2012 – July 2017 | Alexandria, Egypt