

# AHMED TAREK AHMED

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Senior iOS Developer · [ahmed.tarek.dev@outlook.com](mailto:ahmed.tarek.dev@outlook.com)

An **iOS Developer** who loves stepping out of the comfort zone occasionally to improve, face new challenges, or just try new things. I hate boilerplate, and I love working on architecture topics and how challenging it is to apply such concepts in mobile development with different team sizes and requirements. I prefer working on a single product, being part of a long-term journey with a focused strategy. I had previous in objective c, react, PHP, NodeJS, Angular 2+ & Ionic Framework. I have good knowledge of designing UI and a little knowledge Kotlin, java, spring framework and good knowledge of designing UI.

## SKILLS & ABILITIES

- Have a solid understood for SOLID principles.
- Have a solid understood for Application Architecture.
- Design and Development of iOS native client application.
- Knowledge of Apple's design principles and application interface guidelines.
- Developed an iOS Application with different selectable skins in a dynamic drawing threaded environment.
- Experience in developing and publishing iOS Application on Appstore.
- Expert in Development using Swift UI, Swift and Objective c.
- Experience in clean code, design patterns architecture like MVP, MVVM, MVI.
- Working with Reactive programing "RxSwift" and Swift flow.
- Involved in making the application compatible with various schemes and devices of iOS.
- Expert in working with Git and good experience at CI/CD.
- Mange application life cycle and connections.
- Work with team of software engineers and global business stockholders in an agile software environment.
- Knowledgeable about back-end development and documentation using framework Laravel and NodeJS, Java Spring MVC.
- Knowledgeable about UI/UX Applications and websites.
- Excellent communication skills.

## EDUCATION

**BACHELOR'S**, INTERNATIONAL COLLAGE FOR LANGUAGE AND TRANSLATION, 2016

- Major: English Language and Literature.

**MOBILE APPLICATION DEVELOPMENT**, RUSSIAN CULTURE CENTER, 2017

- Learn Mobile application development and algorism.

**PROFESSIONAL DIPLOMA - COMPUTER SOFTWARE ENGINEERING**, CAIRO  
UNIVERSITY, 2022

- The Diploma in Software Engineering offered by Cairo University's Faculty of Applied Engineering provides students with a comprehensive foundation in software development, design, and maintenance. This program covers key areas such as programming languages, software architecture, database management, algorithms, data structures, and software project management. Through a combination of theoretical coursework and practical hands-on experience, students gain the skills necessary to develop, deploy, and maintain complex software solutions across various industries. Graduates of the program are prepared to excel in the dynamic field of software engineering, with a focus on developing high-quality, scalable, and efficient software systems.

## EXPERIENCE

### SENIOR IOS DEVELOPER, AWFAR INC., DEC. 2020 - PRESENT

Worked as an iOS Developer, contributing to multiple projects, including:

- **El Ezaby Pharmacy App:** Developed using SwiftUI, Combine, and MVI architecture, with integration to PHP-based API services.
- **Awfar Connect App:** Designed a new mobile interface for the existing application.
- **Chat Website:** Collaborated on building and designing a chat platform using Angular 11, later migrating it to a modern stack with React.js and Node.js.
- **Awfar Chat App:** Built using Swift and MVVM, then migrated to SwiftUI, Combine, and MVI, with integration to Node.js and Socket.IO. This app consolidates conversations from WhatsApp, Facebook, Instagram, Telegram, and X (Twitter) for call center operations, enabling streamlined customer support.
- **Awfar E-commerce Project:** Developed a customizable template app tailored to different businesses, with multiple theming schemes.
- Took ownership of **Apple Developer accounts** for the company and partner companies, managing app uploads, versioning, reviews, and publication processes on the App Store.
- Assisted in **backend development** for the E-commerce project using PHP.
- Contributed to the **Awfar Chat backend**, working with Node.js and Mongo databases.

### IOS DEVELOPER | FREELANCE, TEBCOM, FEB. 2022 – FEB. 2023

Developed TEBCOM, a comprehensive Closed-Loop Tele-Consultation solution with two tailored schemes:

1. **TEBCOM for Patients:** Designed for patients to easily access professional healthcare services from anywhere.
2. **TEBCOM - Doctor for Doctors:** Built to help doctors manage virtual consultations and provide one-on-one care seamlessly.

The apps enable virtual clinics, breaking barriers to healthcare access across the globe. Integrated with .NET, Signal-R for real-time communication, and Twilio for secure video and audio calls. Developed using Swift and the MVP architecture, this solution ensures doctors can run their online practices as efficiently as their physical ones, delivering professional care while maintaining quality and reliability.

## IOS DEVELOPER | FREELANCE, WAYAK, DEC 2022 - NOV 2024

### Healthcare Service Platform

Wayak is an innovative mobile application designed to simplify healthcare management while reducing costs. As an iOS developer, I contributed to building and optimizing an app that unifies multiple healthcare services, providing users with a seamless experience for managing prescriptions, consultations, and medical services.

#### Key Features Developed:

- **Medication Delivery Service:** Integrated a feature for free home delivery of prescribed medications, with savings up to 20%.
- **Easy Ordering System:** Implemented search functionality for medications by name, category, or prescription upload, streamlining the ordering process.
- **Unlimited Medical Consultations:** Developed a system for users to access free, unlimited medical consultations via the app.
- **Wayak Card Discounts:** Integrated a digital card offering users up to 40% savings at trusted medical centers and labs.
- **User Experience Optimization:** Focused on intuitive UI/UX design and efficient app performance to enhance user engagement and satisfaction.

This project highlights my proficiency in mobile app development, UI/UX design, and integrating third-party services to create a comprehensive and cost-effective healthcare solution.

## IOS DEVELOPER | FREELANCE, MILLENNIUM FOR INVESTMENT & INFORMATION TECHNOLOGY – LA MAISON, DEC. 2020 – MAY 2021

Developed La Maison, a template app designed to streamline the management of residential compounds. The app facilitates communication between residents and administration, provides access to compound services, and manages compound news and resident requests. Key features include QR code access for residents to securely enter their homes and QR code invitations for visitors, enhancing compound security. Built using Swift, with Alamofire for networking, and structured with the MVP architecture, the app is seamlessly integrated with PHP API services.

## IOS DEVELOPER | FREELANCE, MILLENNIUM FOR INVESTMENT & INFORMATION TECHNOLOGY – Q-CLINICS, DEC .2019 - JAN. 2020

Developed Q-Clinics, an intuitive and user-friendly medical appointment scheduling app tailored for Qatar. The app simplifies the booking process by allowing patients to log in, select their desired service, and choose a convenient time slot, eliminating the hassle of traditional appointment scheduling.

Built using Swift, with Alamofire for networking, and structured with the MVP architecture, the app seamlessly integrates with PHP API services to provide a smooth and efficient experience for users.

## IOS DEVELOPER | FREELANCE, AWFAR INC. – AWFAR RESTAURANTS, APR. 2019 - AUG. 2019

Developed Awfar Restaurants, a template app designed to support customizable schemes for various restaurants. The app provides a user-friendly interface for customers to easily make

online reservations, allowing them to select their preferred time and table. Built using Swift, with Alamofire for networking, and implemented the MVP architecture, seamlessly integrated with PHP API services.

### **IOS DEVELOPER, ENTREPREWARE, FEB. 2018 – MARS. 2020**

Started as an Android Development intern, gaining hands-on experience through a side project and assisting with the main project. Progressed to contribute to a Spring Boot MVC project, where I designed and implemented a new feature called “Cafeteria” a POS system. Later transitioned to working on the company’s primary iOS Objective-C template project for schools. This multi-scheme project integrated with Spring Boot MVC APIs and a camera system, enabling parents to monitor their children. Finally, contributed to the development of the Edify app, built with Ionic (Angular+). This app allows teachers to assign homework, track attendance, and manage various classroom activities.

### **ANDROID DEVELOPER INTERN, ENTREPREWARE, DEC. 2017 – FEB. 2018**

Join android training in Entrepware and learn how to work with Android studio and Rest API by using Spring MVC Framework by create simple project with its backend using Java and Boot Spring MVC.

## **PROJECTS**

### **EL EZABY PHARMACY IOS, AWFAR INC., #1 in Medical**

El Ezaby pharmacies mobile application is your "to go" portal for all your medical, cosmetics, and health needs.

El Ezaby pharmacies mobile application offers:

- Home Delivery.
- Online Payment.
- More than 11,000 products.
- Detailed products' descriptions.
- Online Medical insurance's prescriptions cash out.
- Online Products' availability checking.
- Scanning the product's bar code from your mobile's camera to make sure it's available.

### **WAYAK - وياك IOS, WAYAK**

Wayak: One Application for all your medical needs.

Free delivery of monthly medication to your home with savings up to 20%.

Quick and easy ordering via our App with options to search for your desired medication by name and category or by uploading a picture of your prescription or meds .

Unlimited free medical consultations from any place.

Digital Wayak Card to instantly enjoy up to 40% savings at trusted medical centers and labs such as Al Mokhtabar Labs, Al Borg Labs and AlBorg Scan, Nile Scan and Labs, Cleopatra Hospitals Group, and Dawi Clinics.

### **TEBCOM, TEBCOM – DOCTOR, TEBCOM**

Developed TEBCOM, a comprehensive Closed-Loop Tele-Consultation solution with two tailored schemes:

1. TEBCOM for Patients: Designed for patients to easily access professional healthcare services from anywhere.
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Developed using Swift and the MVP architecture, this solution ensures doctors can run their online practices as efficiently as their physical ones, delivering professional care while maintaining quality and reliability.

### **AWFAR CHAT IOS**, AWFAR INC.

Awfar Chat is a powerful customer engagement platform that unifies website and mobile chats in one dashboard. Communicate across 10+ channels including WhatsApp, Facebook, and Instagram from a single interface. Track customer interaction WhatsApp s with real-time analytics and performance monitoring tools. Create personalized campaigns and automate replies using integrated chatbot support. Distribute chats dynamically to teams or branches for efficient customer service. Enable seamless e-commerce experiences on and ensure secure, role-based user access.

### **E-COMMERCE IOS**, AWFAR INC., (**EL KHABIRY PHARMACY**, **MAKTBAT HAMDY**, **OMRAN PHARMACY**, **ZAHER DAIRY**)

Awfar E-commerce Project is a customizable, template-based mobile app designed for pharmacies, supermarkets, stationery stores, and more. It offers branded, ready-to-deploy templates with dynamic product catalogs, secure payments, and real-time inventory tracking. The platform supports multi-language, multi-currency, and cross-platform compatibility (iOS & Android). Businesses benefit from built-in analytics, push notifications, and customer account features. Order and inventory management tools streamline operations, while ERP/CRM integrations enhance flexibility. Ideal for SMEs and startups, it enables quick, affordable entry into the digital marketplace.

### **ENTREPREWARE IOS**, AWFASD (**SAKR IMMERSION SCHOOL**, **MANHATTAN SCHOOLS OF EGYPT**)

Entrepreware is a powerful iOS app template designed for schools and institutions, like **Manhattan Schools of Egypt** app and **Sakr Immersion School** app. Built with Objective-C, it seamlessly integrates with Java Spring MVC APIs to provide dynamic content and user interaction. The template supports news, events, media galleries, and push notifications. Customizable UI and modular design make it easy to adapt to different branding needs. Ideal for educational or organizational use. Fast, reliable, and ready to deploy