

HUSNAIN ALI

(Lead iOS Engineer)

Experienced mobile application engineer with **over 6 years** of professional expertise in dynamic, test-driven development methodologies, showcasing innovation and a goal-driven mindset. Passionate about crafting efficient software solutions that save time and enhance functionality. Proficient in recognizing flaws in current software systems and proficient in developing cutting-edge programs. Currently striving to become a **proficient iOS & React Native** engineer, dedicated to delivering seamless user experiences for both hybrid and native iOS applications.

EDUCATION

THE UNIVERSITY OF LAHORE, Lahore, Pakistan

BS Computer Sciences - CGPA: 3.37

September 2013 – July 2017

PROFESSIONAL EXPERIENCE

ILI.DIGITAL AG, Lead iOS Engineer — Lahore, Pakistan

Oct 2020 – Present

- **Lead** and empower the team of software engineers to develop and deliver highly scalable iOS applications with **CI/CD** for automated release.
- Performed technical designs and implementation of **7+ complex iOS apps** including KSC, Renolit, Aquada, and many more.
- Reviewed client requirements, wireframes, and designs for technical feasibility.
- Collaborated with the **scrum** team to translate client requirements into implementable user stories.
- Improved product quality through **code reviews**, writing effective **unit tests**, and collaborating with QA on implementing **automation testing**.
- Worked closely with cross-functional teams to define **functional requirements**, **coordinate** and **prioritize activities**, and track deliverables.

ArhamSoft (Pvt) Ltd, Senior iOS Engineer — Lahore, Pakistan

Feb 2019 – Oct 2020

- Mobile application development using Swift & Objective C with **MVVM design pattern**
- Working experience of CoreML, TensorFlow, and vision for real-time processing pose estimation & detection on the CPU.
- Human body tracking with **ARKit** 1/2.
- Performed technical designs and implementation of **4+ complex iOS apps** including Miryde apps.
- Worked closely with product managers and designers to define a rich iOS experience for the user.
- Supported the architect in improving the native iOS and tvOS codebase.
- Worked on various design patterns such as, **Singleton**, **Delegate**, and **Notification patterns**.
- Develop a chat module for the Miryde app with **Socket.io**

LANGUAGES

Swift, Objective-C, React native, Node.js (Basic)

TECHNICAL SKILLS

RxSwift, Combine

ARKit, Socket.io

CocoaPods/SPM

CoreData/**Realm**

Auto layouts, SwiftUI & IB

CoreML, Tensor Flow, Vision

C-based libraries

Git version control with CI/CD

RESTful and Social Media API

Push Notification

In-App Purchase & other payment gateways

ARCHITECTURES

MVVM-C, MVVM, MVC, MVP, Clean

TOOLS

XCode, Visual Studio, VSCode, Source Tree, Github Desktop, Sketch, AdobeXD, Jira, Postman, MongoDB Studio, XAMPP

SOFT SKILLS

Flexibility, Analytical Thinking, Problem Solving, Adaptability, Delegation, Strategic Planning, Networking, Accepting Feedback

OTHER PROFESSIONAL EXPERIENCES

Novatore Solutions (Pvt) Ltd, Software Engineer (iOS) — Lahore, Pakistan
July 2018 – Feb 2019

Developers Clan, Associate Software Engineer (iOS) — Lahore, Pakistan
July 2017 – June 2018

Dynamic Logicx, Apprentice (iOS) — Lahore, Pakistan
April 2017 – June 2017

PLATFORM

macOS, Linux, Windows

LANGUAGES

English, Urdu, Punjabi

PROJECTS & APPLICATIONS

In my complete career from internee iOS developer to lead iOS engineer I have worked and developed so many ios mobile application in different domains e.g., ecommerce, social, productivity, sports, finance, medical and arkit apps over the time.

These below mention projects or applications are recently developed and available of app store.

RENOLIT APP — (iPad Application)

<https://apps.apple.com/de/app/renolit-axs/id1585628382>

This is a business app for internal users of RENOLIT, it provides user an ability to make measurements with manual and automatic mode (with ARkit) and decor any surface with our wrapper developed with C++ and OpenCV furthermore user has an ability to store offline data which is then synchronize when the internet is available with both options to upload automatic or manual upload with user settings.

Built with an MVVM clean architecture using arkit, realm for local storage of data, RxSwift, Alamofire, Crashlytics, OpenCV, and SwiftLint for code analytics.

KSC APP — (iOS Mobile Application)

<https://apps.apple.com/us/app/ksc-app/id1417115202>

This is an app develop for KSC football club in which users can see live scores, latest news, and receive latest news and offers from push notifications.

Built on MVVM pattern using Firebase, Socket.io (for live scoring), GoogleAdMob, Alamofire, RxSwift, RxCocoa, Google Analytics, Bluecode (Payment gateway) and Crashlytics.

KSC TV APP — (tvOS App)

<https://apps.apple.com/de/app/ksc-tv/id1596881456>

In the KSC TV app, all videos about Karlsruhe SC are waiting for all fans of the blue and white. Current content about the KSC professionals, everything else that happens in the wildlife park as well as exclusive live streams and DREI60 videos.

Built on MVVM pattern using GoogleAdMob, Alamofire, RxSwift, RxCocoa.

StaySafe — (iOS Mobile App)

<https://apps.apple.com/pk/app/staysafe-by-ili-digital/id1562835903>

StaySafe is the workplace safety quiz app. This means that while it's fun and playful, the app helps to refresh knowledge, trigger proactivity, and develop more mindfulness. StaySafe offers four different types of questions: Single Choice, Multiple Choice, True or False and Find the Mistake. All questions are linked to images to help users better understand the situation, context and message. The app is designed to be used efficiently at work, with challenging but intuitive questions presented in short game sessions.

Built on MVVM pattern using Firebase for push notifications, Socket.io (for game play), Alamofire, RxSwift, RxCocoa, Google Analytics, and Crashlytics.

TE to GO — (iOS Mobile App)

<https://apps.apple.com/pk/app/te-to-go/id1614294679>

TE to Go is all about creating a better collaboration with your TE supplier. With TE to Go, the exchange of knowledge and prevention of inefficiencies is easy. In TE to Go, you will get together. One customer solution, one procurement and up to nine team members can build a Team. By playing Te to Go, your team will also collect Te to Go tokens that will allow you to raise your team rank, climb the leaderboard and unlock unique deals, which you only can find within the application.

Built on MVVM pattern using Firebase for push notifications, Alamofire, RxSwift, RxCocoa, Google Analytics, and Crashlytics.

Want It — (iOS Mobile App)

<https://apps.apple.com/us/app/want-it-buy-sell-securely/id1248284976>

Want It provides the fastest and safest way to sell the stuff that you don't need and buy the stuff that you do. We've re-imagined local commerce to eliminate non-serious buyers, no-shows and scammers. Want It allows you to buy and sell locally, with peace of mind.

Jonple — (React Native Mobile App)

<https://apps.apple.com/gb/app/jonple/id1493343667>

This app is source for fitness, tailored workout plans, bespoke nutrition, wellness services and more. With Jonple you can customized plans and feedback from real fitness, chef and psychological professionals.

Mathlete - Let's Play Math — (Native iOS App)

<https://apps.apple.com/pk/app/mathlete-lets-play-math/id1498595211>

MATHLETE - Let's Play Math! (A Project of ArhamSoft), has launched a quiz competition "McDonald's MATHmania" in collaboration with McDonald's Pakistan, through an interactive math quiz application for students. Students can develop their early math skills such as basic numerical operations while young teens can enhance their expertise on foundation of mathematics with absolute enjoyment.

ACADEMICS/PROFESSIONAL COURSES

eVenture Solutions certified PHP Web Developer

EVS Lahore – Lahore, Pakistan (Sep 2015 – Dec 2015)

eVenture Solutions certified iOS mobile Developer

EVS Lahore – Lahore, Pakistan (June 2016 – Aug 2016)

First Aid and Fire Training

Developers Clan, Lahore Pakistan

References

References can be provided on request