

# Muhammad Umer Farooq

FULL STACK SOFTWARE ENGINEER · IOS & FLUTTER SPECIALIST

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linkedin.com/in/umarfarooq21 · umerfarooq.net · Qatar QID Holder (Transferable) · Open to relocation

10+ YEARS EXPERIENCE    40+ APPS SHIPPED    8 LIVE ON APP STORE    20% STABILITY GAIN

## PROFESSIONAL SUMMARY

Highly skilled and solutions-driven **Full Stack Software Engineer** with over **10 years** of experience in building scalable, secure, and high-performance mobile applications. Specialized in **iOS and Flutter** ecosystem, **agentic coding**, and modern app frameworks.

Proven expertise in **front-end & back-end development**, Git-flow practices, and app optimization, with a deep understanding of multi-threading, sockets, REST APIs, and **enterprise-grade architecture**. Adept at working in Agile environments and **leading cross-functional teams**.

## CAREER HIGHLIGHTS

- **Raised application stability by 20%** by migrating 4+ production apps from Objective-C to Swift and rebuilding 3 in SwiftUI, one entirely on the Combine framework.
- **Shipped 40+ applications to the App Store** across e-commerce, logistics, payments, healthcare, and consumer categories — several taken from empty repository to release.
- **Shortened feature turnaround** by introducing AI-assisted and agentic coding workflows (Claude Agent, Cursor AI, Codex) into the team's daily development and code review.
- **Owns mobile release management** — branching strategy, deployments, versioning, and hotfix response across a live product portfolio.

## APP STORE PORTFOLIO

|                                        |                                   |
|----------------------------------------|-----------------------------------|
| Islamic Bundle – Athan Time Pro Haulit | Prayer times, Quran audio & Qibla |
| 7 Minute Workout – Home Fitness        | Logistics tracking & payments     |
| Urdu Akhbar – Urdu News Today          | Health & fitness                  |
| Movie Time – Film Bucket               | News & publishing                 |
| Word Knot – Puzzle Brain Game          | Entertainment                     |
| Balloon Pop – Toddlers Game            | Puzzle game                       |
| Create Sticker from Photo              | Kids & education                  |
|                                        | Photo utility                     |

## TECHNICAL SKILLS

|                     |                                                                                    |
|---------------------|------------------------------------------------------------------------------------|
| Languages           | Swift, SwiftUI, Objective-C, Dart, JavaScript                                      |
| iOS & Flutter       | UIKit, SwiftUI, Combine, Flutter, Core Data, SwiftData, Core Animation             |
| Apple Frameworks    | MapKit, Core Location, Core Graphics, Core ML & Vision, AVFoundation               |
| AI & Agentic Coding | Claude Agent, Cursor AI, Codex, GPT-4 Vision API, Core ML                          |
| Architecture        | MVC, MVVM, VIPER, Clean Architecture, SOLID, Design Patterns                       |
| Backend & APIs      | REST APIs, WebSockets, Multi-threading & Concurrency, Firebase Cloud Functions     |
| Databases           | SQLite, Core Data, SwiftData, Realm, Firebase Realtime DB, MongoDB, MS SQL Server  |
| Libraries & SDKs    | Alamofire, RxSwift, Firebase, Google Maps, Braintree, Salesforce SDK               |
| DevOps & Tooling    | CI/CD Pipelines, Git & Git-Flow, Bitbucket, SVN, Xcode, VS Code, Android Studio    |
| Testing & QA        | XCTest, Swift Testing, Xcode Instruments, Unit & UI Testing, Performance Profiling |
| Process & Platforms | Agile / Scrum, JIRA, Confluence, ServiceNow, App Store Release Management          |

## PROFESSIONAL EXPERIENCE

### Senior Software Engineer

APR 2019 – PRESENT

Inabia Softwares · Pakistan

- Led the migration of 4+ production applications from Objective-C to Swift, improving overall app stability by 20% and modernising the codebase for long-term maintainability.

- Rearchitected 3 applications to SwiftUI, including one built entirely on the Combine framework for reactive, declarative data flow.
- Own branching strategy, deployments, and release cycles end-to-end, ensuring smooth, predictable delivery aligned with business objectives.
- Introduced AI-assisted and agentic coding workflows into day-to-day development, shortening feature turnaround and improving code review quality.

#### KEY PROJECTS

- **Poole (Vehicle Tracking Platform)** — Built passenger and driver apps from the ground up with live vehicle tracking on Firebase Realtime Database; owned production support, triaging issues and shipping hotfixes. *Swift · Firebase · Realtime Database · MapKit*
- **Plant Identifier (AI Vision App)** — AI-driven app that identifies plant species, detects disease from imagery, and recommends corrective care using the GPT-4 Vision API. *SwiftUI · GPT-4 Vision API*
- **Delyt (Restaurant Management System)** — Delivered a two-sided ordering platform: a customer app for browsing restaurants and placing orders with in-order top-ups, plus a manager app for order review and approval. *Swift · REST APIs*

### iOS Developer

JAN 2018 – FEB 2019

**Digitonics Labs Pvt. Ltd** · Pakistan

- Delivered robust, scalable, and testable code across multiple iOS applications in a fast-paced, deadline-driven environment.
- Contributed across the full product lifecycle — requirement analysis, implementation, testing, deployment, and documentation.

#### KEY PROJECTS

- **Haulit** ↗ — Implemented Braintree payment processing, Google Maps real-time tracking, an in-app chat module, and Firebase push notifications. *Swift · Firebase · Braintree · Google Maps*
- **GainSafe** — Built and shipped the application from scratch through to App Store release, implementing Realm-based local persistence and adaptive layouts for iPad. *Swift · Realm*
- **TeenArtPass** — Enhanced existing modules and shipped new features, integrating Google Maps and Ken Burns animation effects with optimised MVC code. *Swift · Google Maps SDK*
- **Scan and Save** — Delivered barcode/QR scanning, Braintree payments, Firebase push, multi-orientation support, and social sign-in via Facebook, Twitter, and Google. *Swift · AVFoundation · Firebase*

### iOS Program Analyst

MAY 2015 – DEC 2017

**ARPATECH Pvt. Limited** · Pakistan

- Owned end-to-end feature delivery and defect resolution — development, unit testing, documentation, and source control management in Xcode.
- Partnered with QA and product stakeholders to turn client requirements into shipped releases and maintenance plans.

#### KEY PROJECTS

- **Tazamart.pk (E-commerce)** — Built the consumer shopping app from scratch with SQLite-backed cart management, integrating Google Tag Manager and Analytics to track order funnels. *Objective-C · Swift · SQLite*
- **Sheops** — Developed and maintained an in-house e-commerce venture app, delivering client-driven enhancements and resolving QA-reported defects. *Objective-C*
- **Cloud59** — Integrated Salesforce authentication and in-app audio/video communication features. *Objective-C · Salesforce SDK*

### iOS Developer

JAN 2014 – MAY 2015

**Digital Dividend** · Pakistan

- Delivered multiple universal iPhone and iPad projects in Xcode, working closely with UX/UI designers to translate wireframes into functional prototypes with consistent visual design across device sizes.
- **Key projects:** Intuitive Dictate (clinical audio recording for physicians), Autism Screening App (universal screening tool for children), and Tekker Performance (match performance tracking for footballers). *Objective-C · AVFoundation*

## EDUCATION

### B.S. Software Engineering

JAN 2010 – DEC 2013

**University of Karachi** · Pakistan

### Diploma in Entrepreneurship & SME Management

JAN 2020 – DEC 2020

**Virtual University of Pakistan** · Pakistan