Muhammad Umer Farooq

Senior Flutter Developer

Cross-Platform Mobile Engineer · Flutter · Dart · iOS (Swift / SwiftUI)

+92-332-2235956
+974-5517-9747 (WhatsApp)
mr.khan21991@gmail.com
linkedin.com/in/umarfarooq21
github.com/umarfarooq21
umerfarooq.net
QID Holder (Transferable)

PROFESSIONAL SUMMARY

Senior Flutter Developer with **10+ years** of mobile engineering experience building scalable, secure and high-performance apps for **Android and iOS**. Expert in **Dart and the Flutter SDK**, delivering pixel-perfect, responsive, 60fps UIs from a **single codebase**, backed by a deep native iOS (Swift/SwiftUI) foundation that enables robust **Platform Channel** integrations and native-quality performance.

Hands-on with **state management (BLoC/Cubit, Riverpod, Provider, GetX)**, **Clean Architecture**, REST & WebSocket integration, **Firebase**, offline-first local storage, automated testing and **CI/CD pipelines** to Google Play and the App Store. Leverages **agentic AI coding** (Cursor, Codex, Claude) to accelerate delivery. Comfortable in Agile/Scrum teams and leading cross-functional squads.

TECHNICAL SKILLS

Flutter & Dart	**Flutter SDK, Dart (null safety, async/await, Futures, Streams, Isolates), Material 3 & Cupertino widgets, custom widgets & CustomPainter, implicit/explicit animations, responsive & adaptive layouts**
State Management	**BLoC / Cubit, Riverpod, Provider, GetX, ValueNotifier / setState**
Architecture & Patterns	**Clean Architecture, Feature-first modular structure, MVVM, MVC, VIPER, Repository pattern, SOLID, Dependency Injection (get_it / injectable)**
Navigation & Routing	**GoRouter, Navigator 2.0, deep linking**
Networking & APIs	**Dio, http, RESTful APIs, WebSockets / sockets, JSON serialization (json_serializable, freezed), OpenAI GPT-4 Vision API**
Firebase & Cloud	**FlutterFire: Auth, Cloud Firestore, Realtime Database, Cloud Messaging (FCM), Crashlytics, Analytics, Remote Config**
Local Storage	**Hive, sqflite / SQLite, SharedPreferences, Realm, Core Data, SwiftData**
Native Integration	**Platform Channels / MethodChannel, Swift, SwiftUI, Objective-C, Combine, MapKit, Core Location, CoreML & Vision, Core Animation**
Maps, Payments & Media	**Google Maps, live location tracking, Braintree payments, barcode/QR scanning, audio recording & playback, social logins**
Testing & Performance	**Unit, Widget & Integration tests (flutter_test, mockito), Flutter DevTools profiling, XCTest, Xcode Instruments**
DevOps & Release	**Git / Git-flow, Bitbucket, SVN, CI/CD, build flavors & environments, Google Play Console, App Store Connect**
Agentic Coding	**Cursor AI, OpenAI Codex, Claude Code / Claude Agent**
Tools	**Android Studio, VS Code, Xcode, Visual Studio, JIRA, Confluence, ServiceNow**
Other	**Microsoft SQL Server, MongoDB, Crystal Reports, Telerik Reporting**

PROFESSIONAL EXPERIENCE

Senior Software Engineer — Mobile (Flutter & iOS)
APR 2019 – PRESENT

Inabia Software (Pakistan)

- Lead mobile development across **Flutter** and native iOS — owning architecture, feature development, code reviews and end-to-end releases to the App Store and Google Play.
- Migrated **4+ apps** from Objective-C to Swift, improving app stability by **20%**; rebuilt **3 apps** with SwiftUI (one on Combine) — declarative UI experience that maps directly to Flutter's widget-tree model.
- Built **AI-powered mobile features** using the GPT-4 Vision API, and use agentic coding tools to shorten delivery cycles.
- Manage Git-flow branching, build flavors, CI/CD and release cycles to ensure smooth delivery aligned with business goals.

KEY PROJECTS

Poole — Ride & Vehicle Tracking (Passenger + Driver apps)
Built two apps from scratch with **real-time vehicle tracking** via Firebase Realtime Database; resolved production issues and shipped hotfixes on a clean, best-practice codebase.
Tech Stack: Swift, Firebase Realtime Database, Google Maps

Plant Identifier — AI Plant & Disease Detection
Identifies plant species from the camera, detects plant diseases and recommends treatment/precautions using the GPT-4 Vision API.
Tech Stack: SwiftUI, GPT-4 Vision API

Delyt — Restaurant Ordering & Management
Customer app to browse restaurants, place orders and top up wallets; companion manager app to receive, review and approve orders.
Tech Stack: Swift

Islamic Bundle
Ayah-by-ayah Quran audio streaming, Rabbana duas audio section and a sensor-driven Qibla compass.
Tech Stack: SwiftUI, Core Location

Mobile Developer (iOS)
JAN 2018 – FEB 2019

Digitonics Labs Pvt. Ltd. (Pakistan)

- Wrote robust, scalable, maintainable and testable code in a fast-paced, deadline-driven environment, covering requirement analysis, UI, testing, deployment and documentation.

KEY PROJECTS

TeenArtPass — Enhanced core modules and added features incl. Google Maps and custom animations, using clean MVC. *Swift*

GainSafe — Built from scratch to App Store release; offline-first Realm storage and adaptive iPad layouts. *Swift, Realm*

Haulit — Real-time tracking with Google Maps, Braintree payments, in-app chat and Firebase push notifications. *Swift, Firebase*

Scan and Save — Barcode/QR scanning, Facebook/Twitter/Google sign-in, Braintree payments, push notifications and multi-orientation support. *Swift*

iOS Program Analyst
MAY 2015 – JUL 2018

Arpatech Pvt. Limited (Pakistan)

- Owned end-to-end delivery of features and bug fixes — development, unit testing, documentation and source control.

KEY PROJECTS

Tazamart.pk (E-commerce) — Built from scratch; SQLite cart management, Google Tag Manager & Analytics for user and order tracking. *Objective-C, Swift*

Sheops — Developed and maintained the app for an Arpatech venture, delivering client-driven enhancements and QA fixes. *Objective-C*

Cloud59 — Salesforce login integration and audio/video features. *Objective-C*

iOS Developer
JAN 2014 – MAY 2015

Digital Dividend (Pakistan)

- Built universal iPhone/iPad apps and partnered with UX/UI designers to turn wireframes into functional prototypes with consistent visual design.

KEY PROJECTS

Intuitive Dictate — Audio recording and storage app used by doctors to record patient notes. *Objective-C*

Autism App — Screening app for children across age groups, for iPhone and iPad. *Objective-C*

Tekker Performance — Tracks footballers' match performance and recommends training exercises. *Objective-C*

EDUCATION

B.S. Software Engineering — University of Karachi, Pakistan
2010 – 2013

Software Development, Data Structures, Communication

Diploma in Entrepreneurship & SME Management — Virtual University of Pakistan
2020