



# Umer Iftikhar - Software Engineer

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**Phone** +92 3402093883

**E-mail** [umeriftikhar2526@gmail.com](mailto:umeriftikhar2526@gmail.com)

**Portfolio** <https://umeriplex.github.io/webpage/>

## Summary

Software Engineer with a passion for building innovative Mobile Apps and Web Servers.

## Work Experience

### Senior Flutter Developer – TapTap Technologies | Jan 2024 – now

- Working as senior developer for an eSIM app for Virgin Mobile. Integrated advanced features like secure in-app payments (Apple Pay, Tap Payments, GPay), real-time notifications, deep linking (Branch.io, Adjust), social logins (Google, Facebook, Apple), Google Analytics, Google Maps, OTA Localization and biometric authentication. Implemented CI/CD pipelines using Fastlane and Bitrise for automated deployments.
- Implemented Certificate Transparency for elevated app security and utilized SonarQube for code-level security.
- Developed a custom Chabot system using Rasa & Generative AI, Node.js, and Express.js, with a Flutter Bloc-based mobile app frontend.

### Flutter & Android Developer – Bosch Pharmaceuticals (Pvt) Ltd. | Sep - Dec 2023

- Gained experience as a mobile app developer for both Android (Kotlin) and iOS (Flutter). Led the development of iKonnnect, a complex cross-platform task management app built using Flutter's MVVM architecture with GetX for state management. Also acquired expertise in converting existing web apps into user-friendly mobile experiences for Android and iOS platforms.

### Flutter & Android Developer – IplexSoft | Oct 2022 – Aug 2023

- Developed a scalable healthcare app in Flutter with features like appointment scheduling, real-time notifications, live audio/video calls, and secure medical records. Also led a logistics app with Uber-like features, managing app flow, requirements, and MVVM architecture with GetX. Oversaw testing and updates for both doctor and patient apps on Play and App Stores.
- Completed an internship designing responsive UIs, working on a POS system, writing test cases, performing QA, and managing tasks with Jira.

## Skills

**Android app development** – Proficient in native Android app development using Kotlin/Java, adeptly implementing MVVM/MVC patterns. Skilled in utilizing various technologies, including local storage, Firebase real-time database, Firestore, push notifications, user authentication, REST APIs.

**Flutter app development** – Experienced in Flutter app development, utilizing MVVM & Clean Architecture patterns and state management techniques like Bloc, GetX and Provider. Proficient in integrating Google Ads, REST APIs, notifications, localization, Maps, payment integration & other advance features.

**Backend development** – Familiar with backend development using Java Spring Boot & Node Js, including database management with MySQL & MongoDB.

**Software Development Lifecycle** – Familiar with the Software Development Life Cycle (SDLC), including project proposals, requirements gathering, RTM and agile methodologies.

**ASO** – Managed and published apps on the Play Store. Optimized app visibility, keywords, and descriptions. Familiar with app analytics for user behavior analysis.

## Some Projects

- **Virgin Connect eSim. Flutter**

*Fully advanced eSim App for Virgin International Group. Can't provide link due to some policy.*

- **ChatBot. Flutter** ([link](#))

*Chat bot customer facing app, I've also integrated this bot in WhatsApp Business.*

- **Aamal Islam – The Quran App. Flutter** ([link](#))

*Islamic app using Bloc, multi theme and languages.*

- **Hand Cricket Game. Flutter.** ([link](#))

*Basic game in which user can play game with bot.*

- **IKonnect Task Manager. Flutter.** ([link](#))

*A complex task manager app for pharmaceutical industry.*

- **Distributor's Portal. Flutter.** ([link](#))

*Application for distributors of pharmaceuticals company.*

- **English Learning Application. Kotlin** ([link](#))

*English learning and utility app.*

- **Book Store Application. Flutter** ([link](#))

*Online book store with secure screenshot proof books feature.*

- **AppLocker. Kotlin** ([link](#))

*App locker application to secure android apps.*

- **E-Cattle. Flutter** ([link](#))

*Online cattle management app.*

- **EchoPlay. Kotlin** ([link](#))

*Music Player App.*

- **Screen Mirror App. Kotlin** ([link](#))

*Screen to TV casting mobile app.*

## **Qualification**

- Hafiz e Quran – Iqra Rauzat ul Quran.
- Intermediate – GOVT. Boys College Buffer Zone Karachi.
- Undergraduate Software Engineering 4<sup>th</sup> sem – AIMS (an affiliated by Karachi University).