



# Umer Iftikhar - Software Engineer

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

## Summary

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

## Work Experience

Flutter Developer + Android Developer – Bosch Pharmaceuticals (Pvt) Ltd. | Sep 2023 – now

- Working as mobile app developer for android(kotlin) and ios(flutter).
- Developing iKonnnect from scratch, a cross-platform ERP application using Flutter, MVVM, GetX, and state management. iKonnnect is an Enterprise application with a variety of modules for different users or group of users.
- Converting Web apps to iOS and Android mobile apps. This involves understanding the existing web app codebase, designing a new user interface for the mobile app, and implementing the app's functionality in Flutter.

Flutter Developer – IplexSoft | Jan 2023 – Aug 2023

- Engineered a robust and scalable healthcare application in Flutter, driving seamless integration of critical functionalities, such as appointment scheduling, real-time notifications, live audio/video calling, and secure medical records manage.
- Currently working on a Logistic Service Provider Application, which encompasses features similar to Uber and Careem. My role involves designing the app's flow, gathering requirements, and implementing the MVVM architecture with an advanced feature-based pattern and utilizing GetX for efficient state management.
- Responsible for creating both applications (doctor and patient) and do unit testing as well as update apps on play store/app store.

Android Developer Intern – IplexSoft | Oct – Dec, 2022

- Worked as an internee with highly productive team.
- Design responsive UI's.

- Worked on POS system and understand POS lifecycle and my responsibilities included writing test cases, RTM, performing testing and quality assurance (QA), as well as utilizing Jira for project management..

## 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, and Google Ads, to create engaging and feature-rich applications as a mid-level developer.

**Flutter app development** – Experienced in Flutter app development, utilizing MVVM/MVC patterns and state management techniques like Bloc, GetX and Provider. Proficient in integrating Google Ads, Firebase real-time database, Firestore, push notifications, user authentication, language localization, Maps, REST APIs, payment integration, and third-party SDKs to create robust and user-friendly applications.

**Backend development** – Familiar with backend development using Java Spring Boot, including database management with MySQL and also knowledge of creating Entity-Relationship Diagrams (ERD) for data modeling.

**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.

## Live Projects

- **Ready production level health care application (doctor app & patient app) in flutter.** ([link](#))  
*We integrated Jitsi Meet for reliable video and audio calling, ensuring seamless communication. The Tap Payment service facilitated secure and convenient payments within the app.*
- **Online & offline hand cricket (head tail) game in flutter.**  
*Basic game with two modules offline mode in which user can play game with bot this also include difficulty level medium and insane and the second module is online play with random real user this is in progress I am using firebase for this.*
- **Android online recipe app.** ([link](#))  
*This application takes random recipes from any region by refreshing the screen and it can be save locally in database I've use room database for this.*
- **Android app locker application.** ([link](#))  
*App locker application to secure android apps and also containing in-app purchase to remove ads permanently.*
- **Android English learning application.** ([link](#))  
*This is utility app containing multiple tools like voice to text, multiple language translation, grammar checking, text detection from photo & English sentences.*

## Other Projects

- **Food delivery application in flutter.** ([link](#))

*Purpose of this application is to implement and understand the cart system.*

- **Todo application in flutter.** ([link](#))

*Basic TODO application with the implementation of flutter local notification services, light and dark theme using GetX and Sqlite for local data storage.*

- **Android blood donation app for local city.** ([link](#))

*The purpose of this application is to provide blood donation service in local city, this app has two modules one is blood donor and second is blood recipient*

## **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).