



Umer Iftikhar - Software Engineer

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

Summary

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

Work Experience

Flutter Lead – TapTap Technologies | Jan 2024 – now

- Spearheaded the creation of an eSIM app using Flutter and Bloc for state management. Integrated advanced features like secure in-app payments (Apple Pay, Tap Payments), real-time notifications, deep linking (Branch.io, Adjust), social logins (Google, Facebook, Apple), Google Analytics, Google Maps, 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, ensuring robust and secure app performance.
- Developed a custom chatbot system using Rasa AI, Node.js, and Express.js, with a Flutter Bloc-based mobile app frontend, enhancing user interaction and support.

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

- I have experience as a mobile app developer for both Android (Kotlin) and iOS (Flutter). Currently, I'm leading the development of iKonnnect, a complex cross-platform Task Management app built using Flutter's MVVM architecture with GetX for state management. Additionally, I possess expertise in converting existing web apps into user-friendly mobile experiences for Android and iOS platforms.

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.

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.

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.
- **Hand cricket (head tail) game in flutter.** ([link](#))
Basic game in which user can play game with bot this also include difficulty level medium and insane.
- **IKonnect Task Manager in flutter.** ([link](#))
A complex task manager app for pharmaceutical industry to manage SPOs to Director level tasks.
- **Distributor's Portal in flutter.** ([link](#))
Application for distributors of pharmaceuticals company.

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

Online book store with secure screenshot proof books feature with two modules first for users where they buy a book & admin where admin can manage books and orders.

- **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 4th sem – AIMS (an affiliated by Karachi University).