

Usama Sarfraz

Mobile Applications Developer

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SUMMARY

Objective-driven mobile applications developer with 4+ **years** of hands-on experience in designing, developing, and deploying highly functional **mobile applications**. proficient in various programming languages and frameworks, including **kotlin, java** and flutter. demonstrated ability to collaborate with cross-functional teams to deliver innovative and user-friendly mobile solutions. committed to staying up to date with emerging technologies and industry trends to drive continuous improvement. seeking a challenging role to utilize and further enhance my skills in mobile application development.

TECHNICAL SKILLS

- **Android Development:** Kotlin, Java,, Coroutines, Live Data, Flows, Retrofit, Jetpack Compose
- **Database:** Firebase Realtime and Firestore, SQLite, Room, Realm
- **Version Control:** Git, Github
- **Development Methodologies:** MVVM, Clean Code, OOP Principles, Test Driven Development (TDD)
- **IDE:** Android Studio
- **Services:** Firebase Auth, Firebase Push Notifications, Google Map,Localization
- **Soft Skills:** Teamwork and Communication, Self-Learning, Creative Problem Solving
- **Flutter Development:** Dart, Riverpod State Management, Providers, GetX, Hooks, Dio

PROFESSIONAL EXPERIENCE

MarvlousResults, Islamabad – (Remote Base)

Fsd, Pakistan

Senior Mobile Applications Developer

January 2024 - Present

- Designed and developed high-performance, reusable, and reliable Android applications to meet user needs effectively.
- Collaborated with cross-functional teams to define, design, and implement innovative features.
- Optimized application performance, quality, and responsiveness by identifying and addressing bottlenecks and fixing bugs.
- Conducted regular updates on industry trends and technologies, integrating best practices into development processes.
- Created and executed unit tests and automated UI tests to ensure robustness, including edge cases, usability, and overall reliability.
- Maintained thorough code documentation and produced clear, concise technical documentation to support ongoing development and maintenance.

Predict Apps, Faisalabad

Fsd, Pakistan

Mobile Applications Developer

January 2021 - 2024

- Oversee the entire software development life cycle, including debugging applications and configuring existing systems.

- Developed and implemented innovative Android mobile applications using Java, resulting in a 50% increase in user engagement.
- Collaborated with cross-functional teams to gather and analyze requirements, ensuring seamless integration of mobile apps with backend systems and APIs.
- Led and participated in Agile/SCRUM meetings, ensuring timely delivery of high-quality software releases in 2-week sprints.
- Conducted comprehensive testing and debugging to identify and resolve software defects, resulting in a 30% reduction in application crashes and enhanced overall stability.
- Contributed to code reviews by providing constructive feedback, resulting in improved code quality, maintainability, and adherence to best practices.

Convert Generation Information Technology

Fsd, Pakistan

Junior Applications Developer

July 2020 - December 2020

- Working with seniors to put requirements into practice and develop an intuitive, fully working app
- Responsible for appropriately integrating external resources into apps and ensuring their functionality
- To ensure app stability and functioning across various Android versions and devices, conduct unit testing, UI testing, and compatibility testing.
- To engage with team members, manage the codebase, and enable seamless teamwork, utilizing version control systems (e.g. Git)

PROJECTS

Circles

A mobile social networking platform designed to connect users with strangers and foster new connections.

Contributions:

- Contributed to the development of application architecture and design.
- Followed Agile methodology for continuous integration.
- Improved UI Design by following modern design principles.
- Improved quality by refactoring code.
- Integrated Crashlytics to improve app quality.

Todo – Task Management Simplified

A user-friendly mobile app to organize, prioritize, and manage daily tasks efficiently with reminders and intuitive design.

Contributions:

- Developed the Android app using Kotlin, adhering to best practices for clean and efficient code.
- Integrated **AlarmManager** for task reminders, ensuring users stay on top of their schedules.
- Enhanced app reliability by implementing **Firebase Crashlytics** for crash monitoring and **Push Notifications** for timely updates.
- Utilized **Realm Database** for seamless local data storage, ensuring offline functionality and fast performance.
- Successfully published the app on the Google Play Store, making it accessible to a wide audience.

ZeenatOnlineStore

An android application that provides facilities to edit images and drawing tools to add annotations.

Contributions:

- Developed the app using **Flutter** for a cross-platform, visually appealing user interface.
- Consumed **RESTful APIs** to fetch and manage real-time product data and order processing.
- Implemented **Riverpod** for robust and scalable state management, ensuring a smooth user experience.
- Designed and optimized features for browsing, searching, and purchasing grocery items conveniently.
- Focused on delivering a fast and intuitive shopping experience with a user-friendly layout.
- Deployed app on Play Store.

Spin the Wheel – Lucked Based Game

A fun and interactive game that allows users to spin a wheel with customizable options and track results.

Key Contributions:

- Developed using **Kotlin** with a clean and modular architecture for maintainability.
- Integrated **Room Database** to store and manage wheel data locally for offline access.
- Implemented dynamic wheel customization, allowing users to add, remove, or edit options.
- Enhanced user engagement with animations and interactive UI elements.
- Focused on performance optimization for a smooth gaming experience.

Image To Pdf

A utility app that converts images into PDF files, catering to users' document digitization needs.

Key Contributions:

- Built the app using **Kotlin**, following MVVM architecture for better code management.
- Integrated **File I/O operations** for reading image files and generating PDF documents.
- Designed an intuitive UI for selecting multiple images and previewing the final PDF output.
- Added file-sharing capabilities, enabling users to easily share or save their generated PDFs.
- Ensured efficient memory handling to process large image files without crashes.

Birmingham City Tourist Guide - Explore with Ease

A mobile app designed to enhance tourism in Birmingham by providing information on nearby restaurants, hotels, and attractions using interactive maps and real-time data.

Key Contributions:

- Developed the app using **Kotlin** with a focus on modular and maintainable architecture.
- Integrated **Google Maps API** to provide an interactive map for exploring nearby restaurants, hotels, and tourist spots.
- Utilized **Retrofit** to consume **RESTful APIs**, fetching real-time data for places of interest and user reviews.
- Added location-based features for recommending popular tourist destinations, dining options, and accommodations.
- Implemented dynamic filtering and search capabilities for seamless navigation and personalized recommendations.
- Ensured responsiveness and optimized UI for a smooth and engaging user experience.

EDUCATION

PUNJAB UNIVERSITY LAHORE

BS Computer Science

Pakistan

2015 - 2019

LANGUAGES

- English
- Urdu

Certification

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- IELTS (International English Language Testing System) – **7 Bands**

May 2024

