SAAD IFTIKHAR

Android Developer (JAVA/KOTLIN)

@ saadbutt7836@gmail.com   📞 +92-306-4720483   📍 Lahore, Pakistan

github.com/saadiftkhar   saad-iftikhar   🌐 saadiftkhar.github.io

PROFESSIONAL EXPERIENCE

Android Developer
The ENTERTAINER

📅 Nov 2021 – Current   📍 Lahore, Pakistan

- Worked closely with the team on implementing and delivering main products **(Blue Rewards, Darna)** using Kotlin
- Involved in designing, planning, and developing scalable native Android applications
- Migrated the legacy code to a **single activity architecture** , using **Navigation components** and followed the **MVVM** pattern
- Actively participated in the app's migration to the latest Android development tools and libraries, facilitating the adoption of modern technologies and practices, ultimately resulting in improved performance and user experience.
- Optimized the interfaces of existing and new apps to ensure agility and flexibility of new requirements and features
- Collaborated closely with the QA team to identify and rectify bugs
- R&D of security-related applications and enhanced security to prevent data leakage
- Worked with the information security team and implemented measures to safeguard users' data

Android Developer
ONSETS

📅 Aug 2020 – Nov 2021   📍 Lahore, Pakistan

- Worked on **(Emergency Locator)** app for Android using Kotlin. The app's key features were to provide services in emergency situations
- Revamped and redesigned the existing Android app **(Kidos)**for scalability and performance
- Migrated the legacy code to a **single activity architecture** , using **Navigation components** and followed the **MVVM** pattern Maintained the quality of the application by actively tracking and resolving the issues reported on Firebase • Worked on implementing the UI/UX and developing the back-end using Firebase and Firestore

EDUCATION

BS Computer Science
Lahore Garrison University

📅 2017 – 2021

PROJECT PORTFOLIO

Darna – Rewards by Aldar 🔗

- Developed using the latest **Jetpack** libraries and **architecture components**
- Developed Android SDks to handle modules
- Developed **server-driven** UI
- Implemented cashback, Cards gifting, and points savings features to entertain the users
- Implemented custom **tutorials**
- Used **Firebase with braze** for push notifications

SKILLS

Kotlin   Java   Room Database   MVVM   Android Jetpack   Retrofit   REST API   Coroutines   Flows   Dependency Injection   In-App Purchase   FCM   Jetpack Components   Architecture Components   Google Maps   Material Design   Firebase   Firestore   Design Patterns   Room Database   Offline Storage   Jetpack Compose   MVVM   MVC   Android KeyStore   AES Encryption   Material Design   Navigation Component   Android SDK   Android NDK   Git   Version Control   CI/CD Pipeline

LANGUAGES

English - B2   ●●●●●

- Used **Git** with **AWS Code Commit** for version control

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Blue Rewards ⤢

- Developed using Kotlin using the latest **Jetpack** libraries like **Navigation components** for smooth handling of **Fragments** transactions, view models for business logic and data communication
- Implemented **DSL** for multi-module dependency
- Developed **custom XML views** and **server-driven** UI
- Implemented deeplinks, analytics and Mall IQ for nearby merchant offers
- Implemented custom **tutorials** and **nudges** for guideline
- Used **Firebase with braze** for push notifications
- Used **Git** with **AWS Code Commit** for version control

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Sports Court ⤢

- Developed a sports-centric mobile app from scratch, emphasizing **social networking**, indoor **courts booking**, and **event organization**.
- Implemented a dynamic **news feed** feature similar to **Facebook**, enhancing user engagement and interactivity.
- Utilized **Firestore**, a powerful NoSQL database, for efficient and scalable data management.
- Created a seamless platform for users to connect with fellow sports enthusiasts, reserve indoor courts, and coordinate and participate in various **sporting events**

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Entertainer Rewards ⤢

- Enhanced codebase by eliminating redundant and unused sections, optimizing app performance, and ensuring code maintainability
- Designed and implemented two robust features as standalone **libraries**, promoting code reusability across multiple projects through seamless import integration
- Employed modern development practices such as Kotlin Flow and abstraction to enhance the libraries' efficiency and adaptability
- Implemented **OAuth 2** token-based authentication for securing API requests using Retrofit's authenticator, bolstering the app's data security
- Used **Git** with **AWS Code Commit** for version control
- Utilized **Jira** for efficient project management and collaborative issue tracking

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FC Ranking ⤢

- Developed an android application from scratch, centered around **fictional character rankings**, including **live rankings** for anime characters
- Incorporated a **voting/devoting** feature similar to **Stack Overflow**, enabling users to express preferences and influence character standings.
- Implemented **Firestore** for seamless and efficient database management, ensuring real-time updates and scalability.
- The app provides a unique platform for enthusiasts to engage with and contribute to the dynamic world of **fictional character rankings**, fostering a vibrant and interactive community.