Taymoor Ghazanfar

Android Developer *Islamabad, Pakistan*

taymoor.gr@gmail.com ❖ +92-306-918-5958 ❖ linkedin.com/in/taymoorgr ❖ https://taymoor.netlify.app

WORK EXPERIENCE

Tectah **July 2024 – Present**

Senior Android Developer

- Led the development of a scalable, feature-rich EPOS Android app encompassing over 50+ advanced functionalities and seamless hardware integration with printers and card terminals from 5+ leading brands.
- Modularized codebases and enabled parallel execution to compile only modified modules and cache outputs, reducing build times by over 20%.
- Optimized performance for low-end hardware by implementing resource-efficient coding, advanced thread management, and asynchronous programming, ensuring smooth functionality and minimal memory usage.
  - **Key Results:** The best-in-class performance got the app certified by Deliverect, and supported the company's expansion from the UK to the USA, resulting in a 40% increase in customer acquisition.
- Improved app cold start times of the EPOS app by 50% by utilizing the Jetpack App Startup library and minimizing operations on the Main Thread, resulting in enhanced app performance and user experience.
- Improved screen inflation times by 30% by flattening view hierarch

- o **Key Results:** Enabled plug-and-play capabilities team-wide, reducing future development times by 25%.
- Boosted software quality by leveraging JUnit and Espresso UI tests to ensure comprehensive test coverage, catch critical bugs early, and enhance app stability and performance.
- Architected a cloud storage app using AWS Amplify and AWS S3, integrated advanced lossless compression techniques to reduce upload data size, optimizing network efficiency, and saving users' mobile data.
    - o **Key Results:** Improved app efficiency by reducing file upload sizes by 30%.
- Developed a music and audiobook streaming app for Amazon Alexa smart speaker, leveraging Alexa Skills and Bonjour Services for seamless voice-controlled interactions over Wi-Fi.
- Collaborated closely with customers to understand project requirements and deliver actionable solutions, achieving a 100% client retention rate.

National Car Parking Company (Mawgif)	November 2021 – October 2022
Android Developer	*Jeddah, Saudi Arabia*

- Played a key role in the development of the Mawgif car parking app, serving over 500,000+ customers using MVVM Architecture with modern libraries and frameworks such as Dagger, Retrofit, RxJava, Glide, Timber, EventBus, ROOM database, and JSON Parsing (Jackson, GSON, MOSHI), ensuring high code quality, scalability, and maintainability while collaborating with cross-functional teams based in Europe.
- Integrated the Hyperpay payment gateway with 3D secure transactions and OAuth2/HMAC authorization, significantly enhancing the payment process. This resulted in an 80% adoption of the secure payment feature, driving a notable increase in user trust and reducing fraudulent activities by 90%.
- Crafted location-based services using Google Maps SDK, including map marker clustering and background, and foreground location tracking for real-time monitoring of 500,000+ customer vehicles.
- Developed and localized the app in 30+ languages, ensuring multilingual support and boosting engagement and ease of use by 50% among non-English users.
- Automated Gradle configurations to streamline build processes by implementing dynamic naming for APK outputs, automatic signing based on build variants, and source set generation for specific build flavors, ensuring minimum boilerplate code and efficient deployment workflows.
- Followed Agile project management principles, managing the development lifecycle using Kanban boards and collaborating effectively with cross-functional teams to ensure timely delivery of high-quality features.

EDUCATION

International Islamic University	September 2017 – August 2021
BS in Software Engineering	*Islamabad, Pakistan*

- **GPA: 3.7/4.0** With Distinction

TECHNOLOGIES & SKILLS

- **Technologies:** Kotlin; Java; Python; JavaScript; Android SDK; MVVM; MVI; Single Activity Architecture; Kotlin Coroutines; Kotlin Flows; Kotlin Generics; Kotlin Reflection; Kotlin Serialization; Hilt Dependency Injection; Background Services; Broadcast Receivers; Work Manager; Jetpack Architecture Components; Jetpack Navigation Components; Jetpack Compose; Gradle Configurations; Kotlin DSL; REST APIs; Retrofit; OkHttp; JSON; XML; VCS; Git; GitHub; CI/CD; Gitflow; Room Database; SQL; NoSQL; UI; UX; ViewStub; Constraint Layout; Material Design; JUnit; Espresso; Push Notifications; Firebase; Crashlytics; Analytics; Admob; Google Play Billing; Google Play Console; Android Profiler; AWS Amplify; Figma

- **Skills:** OOP; Design Patterns; SOLID Principles; Clean Architecture; Performance Optimizations; Crashes & ANRs Troubleshooting; Structured Concurrency; Thread Management; API Integration; Debugging; Data Modelling; Data Structures; Algorithm Design; Big O Notation, Prompt Engineering; Agile; Scrum; Code Reviews; Communication; Attention to Detail; Leadership & Mentoring; Problem Solving; Adaptability

LANGUAGES & INTERESTS

- **Languages:** English (Fluent); Urdu/Hindi (Fluent); Arabic (Conversational)
- **Interests:** Foodie; Hiking & Trekking; Combat Sports; Artificial Intelligence, Crypto Currencies