MUHAMMAD AWAIS

Senior Mobile Application Developer

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SUMMARY

Versatile and results-driven Mobile Application Developer with 5+ years of experience delivering robust, user-centric apps on Android (Kotlin/Java) and Flutter platforms. Skilled in building high-performance applications with modern UI using Jetpack Compose, Material Design, and effective state management (ViewModel, BLoC). Demonstrated leadership in integrating features like Google Maps, Places API, and payment gateways to enhance user experience. Proficient in A/B testing, deep linking, and event tracking to drive product improvement and user satisfaction.

SKILLS

Programming Languages
- Java, Kotlin,(Dart) Flutter

Mobile Development
- Android SDK
- Android Studio
- Android Jetpack components
- Android Material Design

State Management &Concurrency
- Kotlin Coroutines
- Live Data, ViewModel, Flow, Bloc(Flutter)

Database Management:
- SQLite
- Room Persistence Library
- Firebase Database

Networking
- Volley
- Retrofit (REST & SOAP)
- OkHTTP, DIO, Socket.Io

Architecture Patterns:
- MVC, MVP, MVVM

Dependency Injections:
- Dependency Injection (Dagger, Hilt)
- getIt (Flutter)

Third-Party & Custom Libraries:
- Twilio SDK
- Google Places & Maps
- Custom Libraries
- Events Tracking (Mix panel, Push woosh, Adjust)

- Firebase Crashlytics
- Google Analytics
- Zendesk Chat

Payment Gateway
- X Stax, Meezan, Foree, Jazzcash, Easypaisa, In App Billing

Unit Testing
- Junit
- Mockito

Version Control
- Git Hub
- Bitbucket

Build and Dependency Management
- Gradle
- Kotlin DSL

EXPERIENCE

Egora Pvt Ltd, Lahore, PK   **2024, April - Present**
Software Engineer Mobile Application Developer

- Developed a Kotlin-based Android application for thermal printers using Jetpack Compose UI, enabling direct Bluetooth communication with printers to send print commands from web pages.

- Engineered seamless Bluetooth integration for thermal printing, supporting real-time print operations from web content within the app.

- Contributed to the development of the **Egora App** (Flutter), a user-facing application for dine-in, pickup, and table reservations, enhancing the digital customer experience for restaurants.

- Implemented cart management logic integrated with backend APIs to support multi-mode ordering (dine-in & pickup) and streamlined user flow.

- Integrated **XStax** payment gateway for secure, real-time online payments, ensuring a reliable and user-friendly checkout experience.

- Collaborated closely with cross-functional teams to deliver high-quality features and maintain performance, reliability, and usability across both Kotlin and Flutter platforms.

Healthwire, Lahore, PK   **2022, Sept - 2024, March**
Software Engineer Android Developer

- I enhanced the app's performance by up to 75%, reduced the APK size by 30%, and ensured it met the required standards for responsiveness and reliability.
- Additionally, I achieved a 9% reduction in crashes compared to the previous version.

- I successfully incorporated payment gateways, Meezan and Foree, ensuring 90% seamlessness and 100% security in user transaction processes.
- I blended Google Maps and Places API, significantly enhancing the app's location-based features and improving user interaction with maps and places. This resulted in smoother order delivery up to 90%.
- I conducted A/B testing at a 50/50 ratio, worked on deep links and event tracking to enhance user engagement, and continuously analyzed performance for an improved user experience, striving for 100%.

DonGamers   **2020, July – 2022, Sept**
o **Senior Android Developer**

- I actively participate in bug fixing and performance improvement, achieving a 90% crash-free app and elevating its overall quality.
- I lead a Mobile Development team ensuring the delivery of a high-quality product.
- I unified Pusher for users' chat functionality, resulting in a 15% increase in user engagement.
- I seamlessly merged Unity Games into the Native Android app, significantly enriching the user experience and boosting user engagement to 100%.
- I effectively consolidated In-app Purchases and Google Ad Mob, optimizing monetization strategies, and
- increasing sales by up to 10%.

o **Android Developer**

- I developed the Dongamers app from scratch, making it accessible to 100% of users worldwide.
- I actively maintain the app's performance, focusing on improving responsiveness and reliability and enhancing the experience for end-users by up to 95%.
- I work with outside data sources and APIs, ensuring seamless integration and data retrieval with a rapid response time of up to 700ms.
- I skilfully worked MVVM, Android Jetpack, Kotlin Coroutines, and Kotlin to keep the Dongamers app up-to-date with the latest technology advancements, maintaining it at 100%.

NetRoots Technologies LLC   **2019, Sept – 2019, Dec**
Android Developer Intern

- Successfully implemented user-friendly employee profile management, facilitating instant access to personal information, attendance records, and leave requests.
- Designed and integrated an efficient attendance system with GPS and image capture capabilities, enhancing precision and accountability.
- They introduced a dynamic leave management module, which simplified the process of requesting and tracking leave and reduced manual effort by 50%.
- Delivered monthly attendance reports and facilitated attendance management, boosting operational efficiency by 40%.
- Ensured the app met the required standards for responsiveness and reliability, achieving 99% uptime.
- Actively participated in the resolution of bugs and performance issues, achieving a 90% bug-free status.

EDUCATION

Bachelor of Science in Computer Science   **2015-2019**
University of South Asia, Cantt Lahore, Pakistan

CERTIFICATION

The Fundamentals of Digital Marketing   **Dec 2020**
Google Digital Garage

Java Tutorial Course   **Feb 2018**
Solo Learn