MUHAMMED IHSAAN

ANDROID DEVELOPER

CONTACT

- 8748919142
- mohdihsaan321@gmail.com
- www.linkedin.com/in/muhammed-ihsaan-15411a1a1

TECHNICAL SKILLS

- Languages: Kotlin, XML, Java

- Core Android: Android SDK,Jetpack(Navigation, LiveData,ViewModel, DataStore)

- UI & Media:Jetpack Compose, MaterialDesign, Custom Views, Exoplayer, ConstraintLayout, PiP.

- Networking & Architecture: Retrofit, OkHttp, Gson (REST APIs), Coroutines, MVVM, Clean Architecture, Dependency Injection(Hilt/Dagger).

- Storage & Async: Room Database, SharedPreferences, SQLite, Flow.

- Firebase & play Services: Firebase Authentication, Realtime Database, Crashlytics, Analytics, Google Play Console.

- Testing & Performance: JUnit(Unit Testing), Espresso, Android Profler, LeakCanary.

- Security: OAuth 2.0, Encrypted Storage, Biometric Authentication.

- Build & Tools: Gradle, Git, Jira

SOFT SKILLS

- Problem-Solving.
- Effective Team collaboration.
- Worked in Agile/Scrum-based development environment.
- Fast learner with adaptability to new technologies.

EDUCATION

Bachelor of Engineering in Computer Science

Sahyadri College of Engineering and Management, Mangaluru

Graduated: May 2023

SUMMARY

Android Developer with 2+ years of experience building high-performance OTT, live-streaming, and e-commerce applications across Mobile, Tablet, Android TV, and Fire TV. Specialized in Kotlin, MVVM, Coroutines, Hilt, ExoPlayer, and Jetpack libraries. Proven track record of improving app stability, optimizing performance, and delivering scalable features with measurable impact. Experienced in secure API communication (OAuth 2.0), multi-screen UI/UX, and Play Store/Amazon Store releases.

PROFESSIONAL EXPERIENCE

Android Kotlin Developer

Webwings Global Solutions, Bengaluru | June 2023 – Present

- Developed and deployed OTT and e-commerce apps across Mobile/TV platforms, improving playback stability and reducing crash rate by 30% through optimized ExoPlayer implementation.
- Built Retrofit-based REST API integrations and worked with cross-functional teams in Agile/Scrum for timely delivery.
- Integrated Google Play Billing (IAP) for subscription/content access and contributed to a custom Android-based device project with an auto-launching proprietary app.
- Developed a photo product ordering app allowing users to customize, upload, and place orders for photobooks, frames, and retro prints.
- Published applications to Google Play Store and Amazon Appstore, handling end-to-end releases and post-launch improvements.
- Implemented unit tests using JUnit/Espresso for critical flows and assisted with debugging and performance optimization.

PROJECTS

Toober - Android Mobile/Tablet(Live Streaming APP)

- Built ExoPlayer-based video streaming with Chromecast and Picture-in-Picture support, using Android Jetpack components to deliver smooth playback and a seamless user experience.
- Designed tablet-optimized UI featuring a floating video player, adaptive layouts, and Material-compliant animations, ensuring consistency across mobile, tablet, and TV form factors.
- Integrated advanced OTT features including SSO (Google/Apple), In-App Purchases, Firebase analytics/crash reporting, and dynamic content loading via RESTful APIs for live streams, user preferences, and EPG data.

Instaprint - E-commerce Application

- Built a complete photo-ordering application supporting photobooks, frames, and retro prints, featuring seamless image uploads and intuitive product-selection flows.
- Developed catalog, cart, draft, and order management modules using MVVM and LiveData, with optimized Room/SQLite caching which reduced API calls by 40% and improved screen load time.
- Integrated Firebase, TikTok, and WebEngage analytics for user behavior tracking, and implemented Amazon S3 for secure and scalable media storage.

FindTV - Android TV / FireTV / Google TV(OTT App)

- Developed and optimized a TV-based OTT application with features such as dual guides, favorites, multi-view streaming, and advanced filtering for an enhanced viewing experience.
- Ensured seamless compatibility across Android TV, Fire TV, and Google TV, delivering smooth performance and UI optimization for large-screen devices.
- Currently working on a custom Android-based device, enabling the OTT app to auto-launch on boot and function as the primary system application, along with integrating Firebase Crashlytics and analytics for stability and usage tracking..

Odyssey(canada) / Olympus(USA) - Android TV & Mobile(OTT App)

- Built region-specific TV and Mobile OTT apps with custom themes, dual guides, filters, favorites, and localization, ensuring consistent UI/UX and stable performance across platforms.