Aqeel Abbas Android Developer

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Android Developer focused on Kotlin, MVVM, and Jetpack, building high-performance, crash-free apps with offline-first architectures. Experienced with Firebase (Auth, Firestore, Functions), Room/SQLite, and on-device ML using TFLite and MediaPipe, with a strong emphasis on clean architecture and performance optimization.

WORK EXPERIENCE

Android Developer   01/06/2024 – Current
Freelance
- Delivered 3 production Android apps (Kotlin/Java, MVVM, Firebase, Room) with scalable, modular architectures.
- Cut screen load times by ~30% and reduced UI latency using Jetpack, caching and optimized data flows.
- Maintained 99%+ crash-free sessions via lifecycle-aware code, testing and robust error handling.
- Reduced feature delivery time by 40–50% through clean architecture and reusable modules/templates.

Android Developer Intern   2025 | Lahore, Pakistan
Appverse Technologies
- Developed Android features using Kotlin, MVVM, and Jetpack, contributing to projects.
- Implemented and tested Room database modules for reliable offline data handling.
- Integrated and debugged REST APIs and Firebase services for stable app functionality.
- Fixed bugs, improved code quality, and optimized UI behavior across modules.

PROJECTS

Silent Link   Present
Kotlin, Jetpack, CameraX, MediaPipe, TFLite, MVVM, OpenCV
Built a real-time ASL static-sign recognition system using MediaPipe landmarks and TFLite, achieving sub-100ms predictions and smooth 15-30 FPS performance with a clean CameraX UI. Designed a modular pipeline ready for dynamic gestures and LLM-driven extensions.

Bitbloom
Kotlin, MVVM, Room, REST APIs, Firebase (Auth, Firestore, Cloud Functions)
Developed core features for an investment app, including automated ROI workflows, MLM referral management, and stable Room/Firebase data flows for accurate earnings tracking and real-time updates. Optimized business logic to improve performance and ensure a smooth, reliable user experience.

Aether
Kotlin, MVVM, Hilt DI, Retrofit, Coroutines, ML Kit
Created an Al-powered weather app with real-time forecasting, AQI, UV, and nowcast features, built on a modular architecture. Added ML-based insights and recommendations with fast on-device inference and a polished, responsive Material UI.

SKILLS

Languages
java / kotlin / xml

Tools
Android Studio / Git/GitHub / Postman / Firebase console

Database
room / Firebase: Firestore, FirebaseAuth, Firestorage, RealTime database

APIs
REST / Retrofit / GraphQL API

Framework and Architecture
Jetpack Compose/ MVVM / Clean Architecture

Android
Android SDK / system APIs / canvas / Kotlin Coroutines

EDUCATION AND TRAINING

BS Software Engineering   09/12/2022 – Current | Sargodha, Pakistan
University of Sargodha