Atiq R.

Senior Android Engineer

atiq.codes@gmail.com
+92 312 6600985
Islamabad, Pakistan
atiq.work
linkedin.com/in/themaxcoder
github.com/TheMaxCoder

80M+ downloads across my apps

10 yrs building Android apps

99.9% crash-free users

14.9k Stack Overflow reputation

About

I've been building Android apps since 2015. For the last six years I've been the only Android engineer behind a portfolio of music apps with 80M+ downloads, from the first line of code to the Play Store and years of updates after. Now I want to do that inside a product team.

Experience

Senior Android Developer

Aug 2020 – Present

TPV Apps, remote. Sole Android engineer for 9 live apps on Google Play.

- Built **Drums Maker** and **Simple Drums Pro** from scratch. Both passed 1M+ downloads.
- Built a custom multi-touch Canvas UI where users position and resize instruments and play several at once, on phones and tablets.
- Rewrote **Simple Drums Kit** (10M+ downloads) from Java to Kotlin on my own in 3.5 months, released through a ~70k-user beta.
- Replaced SoundPool with native C++ audio (Oboe, NDK) to fix lag on Android 8–11. Touch to audio callback is now ~5ms.
- Cut cold-start time by 70% and APK size by 25% with asset optimization and dynamic feature delivery.
- Own releases, Play Billing and SDK upgrades across thousands of devices, at 99.9% crash-free.
- Introduced Jetpack Compose for new screens in the View-based apps.

Android Developer, Independent Contractor

Jan 2017 – Jul 2020

Remote. Long-term client work in education, entertainment and events.

- **Geneva, NYC startup:** built Kotlin UI features, wrote ViewModel and UI tests, made architecture changes in a multi-module codebase and fixed CI/CD issues. Sprints, standups, every PR reviewed.
- **Eventagrate, Dubai:** took over a government event app mid-project and shipped it ahead of schedule, adding live chat and offline data with Room.

Android Developer

Dec 2015 – Dec 2016

KhasTech Solutions, Islamabad.

- Built and published 10+ educational apps, 5M+ downloads in total (Java, RxJava, Realm).

Project

Repknot, an offline-first workout logger

2026

Kotlin, Jetpack Compose, Room, Supabase/Postgres, app/domain/data modules

- A logger I use every day. Workouts stay on the device and sync whole, with retries and revision-based conflict detection.
- Versioned training model, migration tests, and pgTAP tests proving users can't read each other's data.
- Built with AI agents under my own process: PRD, ADRs, task specs, review, device testing.

Skills

Android
Kotlin, Java, Jetpack Compose, Views, Canvas, Coroutines, Flow, MVVM, Room, Retrofit, Play Billing

Native
C++, Android NDK, Oboe

Quality
JUnit, MockK, coroutines-test, UI tests, GitHub Actions, Android vitals, profiling

Backend
REST APIs, Supabase, Postgres

Community

14.9k Stack Overflow reputation, 285 Android answers with 1,100+ upvotes.

Spoke at Google Developer Group events, teaching Kotlin to 100+ developers.

Education

M.Sc. Computer Science
Virtual University of Pakistan, 2012 – 2015