

**Name:** Hamza Rafique (Android Engineer)

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**Country :** Pakistan (Willing to relocate )

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Note: in case the company doesn't provide relocation support I can process myself, I just require a valid job offer from the company

## Experience Summary

Android engineer with 5+ years of experience (4+ professional ) in Mobile Application Development, build 30+ apps combining those apps downloaded over 1.5M+ times. Worked with early-stage startups, and founded Pakistan's largest carpooling startup

## Education

Intermediate in computer science

Bachelor in Software Engineering, University of Management and Technology - UMT

## Skills

Java, Kotlin, XML, firebase firestore, Json, git, UI/UX, CI/CD, unit test, experience 3rd Party SDKs integration,Flutter(familiar)

## Technologies, Frameworks, and Tools:

Kotlin coroutines, MVVM, Android jetpack libraries (live data, ViewModel, Work manager, Navigation component, Room), RESTful ( Retrofit2), Web scraping (Jsoup), view binding, DI with hilt, Sphinx, YouTube Api for streaming, Python, TensorFlow, Sklearn, obfuscation, RXJava, firebase crash reporting, remote Config, GitHub, Android studio, Android SDK

## Work experience

*Self employed / Remote Android Engineer,  
(Sep 2018 – Present )*

- **The Air social app(10+ people team) (10,000+ downloads )** [Link](#): Lead Android engineer: Responsible to rewrite the current app module login/create account timeline/create post/share post/edit post/save post/ multiple image/video picker (Kotlin, coroutines, jetpack(ViewModel, workManger), Exo player, MVVM ,RESTful ( Retrofit2) )
- **Ridely Rideshare app(5 people team ) (43,000+ downloads)** [Link1\(new Ui\)](#) [Link2](#): Lead Android/Firebase engineer: Over 2 year period Build and redesigned/rewrite the android app from the scratch lead android team and also design the Firestore backend (Java/kotlin, JectPack(ViewModel WorkMangner + Navigation Components )Google Map, Geohashing, Firestore, FCM, Payment gateway )
- **CraPark Productivity app** [Link](#): Android Engineer: Build the app from scratch for tablet and phone app allow the user to create a category and then create tasks and subtask in that category and track progress reports and save data offline (Kotlin, Hilt, ViewModel, retrofit2 , WorkManager, room database, FCM )
- **Analog/digital electric meter reading**: Android engineer, Created the app from scratch to detect the number using the device camera (Kotlin, viewModel, cameraX, Google ML kit )

- **Language learning Game using Google Speech recognition and pattern (NDA)** app: Android engineer/Firebase engineer, created the from scratch and model the firebase database where user can play the game again the bot or real player and added play store leader board (Google Speech library, Firebase firestore, Kotlin, viewModel, Hilt, Leader board, google game store API)
- **Gigl job posting (10,000+ downloads)** [Link](#) : Provide bug fixing support and add new features to the chat system, and add a camera feature so users can record x minutes video with different question
- **Cricket Live stream and live updates (250,000+ downloads)** : Build the app from scratch show live score using open source REST API and allow the user to watch live stream using youtube player API and Exo player (Java + Volley+ youtube api )
- **Vorail audio social media app for blind people**: Build the app from scratch using accessibility services introducing custom gesture system with C++ library (Java + accessibility services + NDK + )
- **Adult Material detection** [link](#): Using an open-source model from git and converting into TensorFlow lite model and run it into the android app to detect if user is watching any kind of adult material or not by taking a screen of a user device every x second and feeding it to model (Java + sklearn +tensorflow )
- **Fitness workout app** [link](#): Build the app from the scratch to show different workout plans and track progress reports and show user workout progress (Kotlin + Glide + Google TTS + Firebase + ExoPlayer )
- **Ok Ameer Assingetant app** [link](#): Build from scratch using google speech API to understand user command in Urdu/Hindi and do action on that command can be like Write a message or turn on flashlight it totals 15+ user case I cover in the app (Java + Firebase + MediaPlayer + Youtube API + Google speech API +sphinx )

## Profiles

GitHub: <https://github.com/ameerhamza6733/>

Stack Overflow: <https://stackoverflow.com/users/5727285/hamza>

YouTube: <https://www.youtube.com/channel/UCjJAnyJh8ySsahbHJSixZRA>

Google Play: <https://play.google.com/store/apps/developer?id=AlphaPk>