RAJIV SINGH

Senior Software Engineer (Android)

Dubai | +971509618952 | rajivsingh0891@gmail.com
in linkedin.com/in/r4jiv ○ github.com/r4jiv007

Work experience

Senior Software Engineer (Android) Feb 2022 - Current
Digital14

- Working on a secure messaging client, Katim Messenger.
- Developing Log Upload SDK to send crash and general logs to the backend.
- Refracting the legacy code, adding new features and bug fixes.

Senior Software Engineer (Android) Feb 2018 - Jan 2022
StartAppz

- Developing different kinds of applications which include telecom self-care apps, sports apps, kids apps, and fintech p2p payment apps.
- Architecting and designing the application flow, suggesting API req/resp structure.
- Also involved in iOS app development from time to time.
- Leading the team of Automation Testers and responsible for code architecture and review we use selenium with testing.
- Setting up CI/CD for linting, testing, and distribution of mobile apps.
- Telco Selfcare apps provide features like paying bills, recharge, sim-purchase, number-portability, checking consumption history, and much more
  - MySalam (on-going project for Salam KSA)
  - Lebara KSA
    - 1 Million+ download, around 20K DAU, and 99.9% crash-free sessions.
  - du App, This is a telecom self-care app for Du Telecom customers.
    - 1 Million+ download, around 120K DAU, and 99.7% crash-free sessions.
    - Rating went up from 3.9 to 4.4 after revamp.
  - Virgin Mobile KSA
    - 500K+ downloads.
- Other Apps:
  - 3Abqarino is a quiz app for kids where they can select any subject and play the quiz. Developed in Flutter as a side-project and finished in the record 20 hours with 100% code sharing for iOS and Android.
  - Haddaf, a Football news app for the MENA region.
  - PayFazt p2p payment app via bank APIs, in the initial development phase.
- Kotlin, JAVA, Clean Architecture, MVVM, MVP, Dagger, RxKotlin, Payment Gateway Integration Fastlane, Shell-Script, Bitrise.

Senior Software Engineer (Android) Nov 2016 - Jan 2018
Huawei Technologies, Dubai

- Responsible for maintaining and adding features to legacy OTT, IPTV apps, which includes features like VOD, LIVE, TSTV, Catchup, Video Casting using Websockets and Dial protocol to Smart TVs. Integrating 3rd party libraries for video and service quality monitoring.
- Developed Analytics SDK "NGAM" to report user activity.
- OTT Apps:
  - ElifeOn for Etisalat
  - Zong Cinema
- Worked on music streaming app TapSong with live audio streaming, playlist management, and publishing feature.

Skills

Android
8 years of professional experience,
- 11+ Enterprise level Android Apps
- Telecom, OTT, IPTV, Retail, and Media

Java
Developed a few desktops and most of the mobile apps in java

Kotlin
Exploring and building mobile apps in Kotlin.

Flutter
Cross platform mobile development framework by Google.
Have released couple of apps and plugins with Flutter

DevOps
Bitrise, Fastlane, Firebase app distribution, AWS, Digital Ocean , Code Deployment, Administration , Shell scripting

Senior Software Engineer (Android)   May 2016 - Sept 2016

BeWo Technologies, Bangalore

- I was leading the team of 4 android developers.
- Developed solution for Android-Based Point of Sale system, BeWo Genie.
- Hardware interfacing like Barcode scanner and keyboards to POS devices
- Reduced Inventory catalogue download time from 40 minutes to 9 minutes by shifting download module from single thread to multi-thread model.

Software Engineer(Android)   Oct 2014 - April 2016

Huawei Technologies, Dubai

- Responsible for maintaining and adding features to legacy OTT, IPTV apps. Also, we were white-labeling the apps for different clients in the MENA region.
  - ElifeOn (phone/tablet)
  - MuchTV

Software Engineer (Android)   July 2013 - Sept 2014

Mobiotics IT solutions pvt Ltd, Bangalore

- Started as Android Developer Intern which converted into a full-time job.
- I was responsible to develop OTT apps for android based set-top boxes.
- Also did many cool prototypes which include video casting, screen sharing between Android devices, and controlling android based set-top-boxes from android phones on top of DIAL and UPNP protocol.
- Worked on AppStore and Launcher for OTT boxes.
- Apps developed:
  - TvBuddy
  - MyTVApp

Side Projects

- Vedantu SuperCoders
  - this app is to book the demo sessions for super-coder training for kids

- 7awish(hawish)
  - 7awish is the first mobile application loyalty program in Jordan.
  - Worked on Rest-API integration, Custom Animations, Google Maps, push notification, third-party lib integration like- Volley, Picasso, QrReader,

- Orderly
  - Orderly is a supply chain management app.
  - Was responsible for developing order scheduling/rescheduling module.

- Mimba
  - Worked on Android app and DevOps on AWS

- desertadventures.com, DevOps project
  - Worked on migration of WordPress-based website from shared hosting to DigitalOcean. Configuring Droplets, nginx configuration.

Education

B.Eng   2009 - 2013

Chhatrapati Shivaji Institute of Technology

Computer Science (cpi 8/10)