

SARJU SHAH

Android Developer

PROFILE

I believe myself to be an innovative and self-motivated individual with good interpersonal skills. As well as being highly adaptable, I am quick to learn, adept at analysing situations and taking initiative to solve problems. Working in different industries has given me the opportunity to learn how technologies are being used for different challenges. In the last five years, I have had a chance to develop and utilise skills in Android development while working within cross functional teams and using agile development processes to meet the requirements. Below is the summary of experience gained from working on different apps.

EXPERIENCE

○ Android Engineer

bunq Jul 2023 to Apr 2025

bunq app	Digital bank app
tricount app	Expense Sharing app
Technology	MVVM, MVP, Kotlin, Java, Jetpack Compose, Room DB, Kotlin Coroutines

- Developed and implemented new features for the existing applications.
- Involved in integration of tricount app to bunq codebase.
- Gained familiarity in Jetpack Compose and was involved in complete redesign of tricount app UI to Jetpack Compose with new features.
- Integrated Firebase Messaging Service for push notifications and utilized Firebase Post API for server communication.
- Setup and migrated Room database logic with updates for new features supporting the app redesign.
- Used keystore and encryption to store sensitive data.
- Added/Updated Analytics for new and existing features.
- Engaged in code reviews and actively contributed to discussions on best practices.
- Fixing bugs reported by the testers and users of the app.
- Monitored sentry and created issues that needed to be fixed.

CONTACTS

- +44 7706 018 752
- sarjshah@sarjusolutions.com
- London, United Kingdom
- linkedin.com/in/sarjshah/
- www.sarjusolutions.com

EDUCATION

Sun Certified Programmer
Java 2 Platform 1.4

Bsc. Business Administration
School of Management
University of Bath

Msc. Computer Science
School of Mathematical Sciences
University of Bath

ARCHITECTURE

- MVVM
- MVP
- MVI
- MVC



CORE SKILLS

- Java
- Kotlin
- Jetpack Compose
- Jetpack Libraries
- Kotlin Coroutines
- RX Java
- Retrofit
- Graph QL

DI

- Dagger
- Koin
- Hilt

DATABASE

- Room DB
- Firebase
- MySQL

TESTING

- Junit
- MockK
- Mockito
- Espresso
- Robolectric
- Wire Mock
- Huawei App Gallery

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tricount Jun 2022 to Jun 2023

tricount app	Expense Sharing app
Technology	MVP, Kotlin, Java, Room DB, RxJava

- Worked on adding new features to this multi-language, multi-currency offline-first app
- Involved in complete migration of service layer of tricount app to use bung servers and api endpoints in preparation of ownership transfer.
- Involved in managing migration documentation.
- Transformed legacy code from Java to Kotlin.
- Created different flows for user experience managed by remote config.
- Added AdView functionality for different screens and enabled to use APS mediation.
- Added/Updated Analytics for new and existing features.
- Refactored code and moved certain features behind paywall.
- Responsible for maintaining the libraries and keeping the app up to date with latest stable releases.
- Managed a major Google Billing library update.
- Fixing bugs reported by the testers and users of the app.

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Sky Media Jan 2022 to May 2022

Now TV app	Digital Streaming Media app
Technology	MVVM, Kotlin, Java, Wiremock, Espresso, Calabash

- Worked on migrating from using Kotlin Synthetics to ViewBinding.
- Investigating and resolving bugs reported by users.
- Migrated tests from Calabash to native Espresso using WireMock.

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Novoda Aug 2021 to Dec 2021

Bodycoach app	Digital health and fitness app
Technology	MVVM, Kotlin, GraphQL, Kotlin Coroutines, Koin

- Worked on adding various features to the app, including Starting Stats, Check-In, Your Stats, and profile.
- Developed modules in Kotlin using MVVM app architecture for ease of maintainability and extensibility, as well as improved quality testing.
- Made asynchronous calls using coroutines and Flow to backend api using retrofit as well as calls to GraphQL schema.
- Performed unit and system tests with Mockito, Espresso, and Mock library.
- Monitored Firebase Crashlytics to track the application crashes.
- Utilized Groupie to make complex RecyclerViews.
- Provided access from app to documents residing in Contentful.
- Implemented Cookpad plugin to manage OSS License Information.
- Reviewed caching usage of data in the app.

VERSION CONTROL

- Git / Github
- BitBucket
- Gitlab

BUG TRACKING

- Android Profilers
- ADB
- LeakCanary
- Firebase Crash reporting
- Crashlytics
- Braze
- Sentry

DOCUMENTATION

- Confluence
- Amazon Docs

REFEREES

Referees available upon request

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Ford Motor Company Apr 2021 to Jul 2021

FordPass app Car Mobility App

Technology MVVM, MVP, Kotlin, Java, Retrofit, RX Java, Dagger

- Worked on SecuriAlert part of the app (especially Stolen Vehicle Services, Location Alert and Scheduler) to add new features and fix bugs in existing functionality.
- Added in-app marketing
- Set up Amplitude Analytics to track events.
- Worked with maps and markers.
- Worked on displaying a list of alert notifications.
- Created tests for all the code implemented using Espresso and unit tests

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Monument Oct 2020 to Mar 2021

Monument app Digital Banking

Technology MVVM, Kotlin, GraphQL, Kotlin Coroutines, Dagger

- Worked on different Kotlin modules of this greenfield project - PreRegistration, Registration, Post-Registration, Dashboard in MVVM using clean code architecture.
- Implemented new features modules and bugfixes
- Wrote test cases for Navigation component, fragments, ViewModel, UseCase, Repository using Junit, Espresso, Mockk and Robolectric.
- Retrieved data from Experience API for consumption by the app.
- Worked with Transmit SDK for managing customer registration process data and Orchestrate authentication, OTPs, soft tokens, biometric authenticators across multiple channels.
- Worked with contentful for configuring and retrieving content and documents for use in application.
- Implemented Paging Library 2.2, then upgraded to Paging Library 3.0