

Abdul Basit

Google Developer Expert (GDE) for Android

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WORK EXPERIENCE

SadaPay **Jan 2023 – Present**
A versatile Digital financial platform, of seamless online transactions and financial management
Software Engineer II

- Contributing as a full stack developer catering to backend, frontend and mobile
- Implemented Card fee, which resulted in generating millions of revenue
- Added dynamic conversion rate which helped us to offer the best and the cheapest rates over our competitor
- Took the initiative of converting the mobile modules to micro frontend
- Technologies: TDD, feature flagging, Unit test, UI test, Kafka, SpringBoot, Paring, Mobbing, KMP

SWVL **Oct 2021 – Nov 2022**
Captain Android app for Captain to cater customer journey through SWVL platforms
Senior Software Engineer

- Created plugin to cut data class creation time by 98%, from 40 minutes to 1 minute
- Owned the interview process, documentation, and culture of the Android team, growing it to 4 engineers from just myself. Single handedly built the entire Android documentation base, writing 35+ pages of documentation
- Reduced failed API calls from 140k/week to 40k/week by identifying and fixing auto arrival bug
- Implemented Accept/Reject feature, resulted in 78% reduction in ride rejection calls and a 26% increase in ride rescue
- Increased crash-free rate from 78% to 99%, resolved critical bug causing system crashes for over 2 year
- Improved captain visibility by 90% and reduced backup shifts calls by 57% through implementation of Backup Shifts feature in Captain App
- Improved Gradle build time by 60%, cutting it from 20 min to 8 min, and cache build from 40 sec to 2 sec
- Technologies: RxJava, MVI, Bitrise, CI/CD, JaCoCo, Firebase, Unit test, Room, Flipper, Moshi, TDD

Airlift **Apr 2021 – Oct 2021**
Offering convenient and reliable doorstep grocery delivery services
Software Engineer

- Improved scalability and customer satisfaction by revamping the UI and architecture of the Airlift Express app, used by 1M+ users with a 4.1 rating, in just 2 months while maintaining the existing application
- Added badges feature on the Rider app to incentivise and attract rides which increased our delivery rate from 71% to 86%
- Took care of OWASP top 10 vulnerabilities
- Technologies: Android, MVVM, Coroutines, Room, Pairing, OWASP vulnerabilities, Unit test

VisionX **Aug 2019 – Apr 2021**
Delivering comprehensive engineer consultancy services
Android Engineer

- Created Staples Connect platform with Augmented Reality integration, driving a 30% increase in walk-in customers
- Developed PackageX, a management product suite developed by VisionX, catering to a wide range of B2B & C2C consumers applications for Packages deliveries
- Helped in launching PackageX across 800 Sites, 140 Cities, and 17 Languages
- Successfully built Shipd, an end to end package delivery solution
- Owned and lead the team expansion from myself to 5 developers
- Technologies: Jetpack, NavGraph, Moshi, Room, Coroutines, MVVM

Neomeric **Dec 2018 – Aug 2019**
Android Engineer

- Implemented beacon-based (BLE) attendance tracking feature for Nock daily attendance app
- Improved functionality of the Omani Calendar App for the Ministry of Oman through maintenance and feature additions

PROJECTS

Music App KMP

- Music App build on Compose Multiplatform / Kotlin Multiplatform, targeting Android, iOS, Web and Desktop
- Feature in DroidCon Berlin
- Trended on Github
- Link: [Music App](#)

Travel App

- Travel App build on Kotlin Multiplatform, targeting Android, iOS, Web and Desktop
- It is a simple travel project that I created to explore Compose Multiplatform. I supports Android, iOS, Web and Desktop versions and it uses rest API to fetch data from local rest API
- Link: [Travel App](#)
- Live: [Travel App Live](#)

Recipe App

- Recipe App build on Kotlin Multiplatform, targeting Android, iOS, Web and Desktop
- The recipe app is a clone of the Roaa Kadam flutter app in Compose Multiplatform. When I first saw the Flutter app, I was pretty impressed by that and wanted to replicate the same in Compose Multiplatform. It has hero animation, gyroscope effect, shared element transitions which was quite interesting to implement in Compose Multiplatform
- Link: [Recipe App](#)
- Live: [Recipe App Live](#)

Chat GPT plugin for IntelliJ IDEs

- Chat GPT plugin for Android Studio and IntelliJ
- As with the release of ChatGPT, more and more people were using that and felt that it would be great if we could have some option to use ChatGP directly instead of switching between Browser and IDE. I tried to create a plugin for IDE. With this plugin, you can use ChatGPT inside your IDE
- Link: [Chat GPT Plugin](#)

Search Music

- Android App to get trending music from Apple Music rest apis
- It was a project to explore ExoPlayer and clean architecture. It has unit tests and UI tests and the project test coverage is 100%. Pagination 3 libraries are also tested.
- Link: [Search Music](#)

Skills

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|---------|----------------------|-------------------------|------------|-----------|
| Android | Kotlin Multiplatform | Compose / Multiplatform | TDD | Unit test |
| UI test | Kafka | SprintBoot | MWVM | MVI |
| CI/CD | Bitrise | RxJava | Coroutines | Kotlin |

EDUCATION

COMSATS, Pakistan

Bachelor of Software Engineering, Computer Science

Graduated July 2018