

Purushotam Kumar

Google Certified Play Store Listing Expert

+91 7488197486
kumarsiddy@gmail.com

BTM, Bangalore (India)

SUMMARY

With over 5 years of experience in product-based startups, I am a skilled **Mobile App Developer** specializing in building Apps from the **ground up**.

My expertise revolves around problem-solving, creating **Responsive Designs**, and optimizing app flows. I am proficient in implementing design patterns such as **DDD**, **MVVM**, and **Clean Architecture**.

I possess hands-on experience with a wide range of programming languages, including **Dart**, **Java**, **Kotlin**, **Javascript** and **Python**. Additionally, I am well-versed in popular frameworks like **Flutter**, **Android**, **iOS**,

My passion lies in crafting user-friendly technology that elevates the mobile app ecosystem and enhances the overall user experience.

WORK EXPERIENCE

Refyne Tech Pvt. Ltd, Bangalore — *Software Engineer-II*

May 2020 - April 2023

As a founding member, I joined this organization before the seed round. I built the entire app ecosystem from scratch based on the Flutter framework and am currently working as **Senior Mobile App Developer** here, with the following responsibilities:

- Take care of the mobile app development side of things, from **UI to UX**, from technical to creative - all things.
- Responsible for taking the **product design** from its initial stages and preparing it for the market.
- Responsible for the **release cycle** of the app, where the new build should have all the features included and tested by QA and be ready for production deployment on the play store and AppStore.
- My responsibilities also include **reviewing the PRs**, giving suggestions, and providing feedback on code quality. I also help junior developers with their tasks and learnings.

Some of the Key features I have developed here are:

- Implemented **Domain Driven Design** architecture from scratch in the app.
- Implemented our own **Flutter Bloc** state management and **dependency injection** from scratch in the app.
- Implemented the **vernacular language** in the app with the flexibility of adding a new locale and changing the text without giving a new release.

SKILLS

Flutter Development

Dart

Bloc State Management

Android app development(Dagger 2, MVVM, Jetpack, RxJava, Retrofit).

Java (Spring Boot, Hibernate)

Kotlin

MILESTONE

2015 – KolKata Sub

Created an offline-first app for the local train timetable. It got **300K** downloads in a year with **90K** active users per month.

2016 – DhobiKart

Tried to do something new in college by **running one startup** for 6 Months.

2018 – Shubh Loans

Increased the crash-free rate of the app from **88% to 99%**. It improved the user experience of the app.

2020 – Refyne Tech

Was the **first engineer** to be hired in this new startup. Built the **app from scratch** based on the Flutter framework.

- Came up with a design pattern that will allow the **scaling of app UI** for different screen sizes and easily handle slow network connections.
- Implemented GitHub Actions to **generate the APK** on the go to streamline the whole testing process.
- Worked and guided on adding the **Unit Test** cases for all the business logic in the code base.
- I developed a comprehensive **UPI-based** payment system from the ground up, enabling users to effortlessly scan and make direct payments from their bank accounts.

DATASIGNS TECHNOLOGIES Pvt Ltd, Bangalore — Software Engineer

Feb 2018 - APRIL 2020

One of the early joiners in the company. I worked as a **Mobile App Developer(Android)** with some **Backend Development** as my secondary role. My responsibilities included:

- I took care of the **release cycle** of the app. The build should have all the features included, QA tested, and ready for production release.
- I took care of architecting, developing, designing, releasing, and maintaining(fixing bugs) the Android app having more than **2M downloads**.
- Implemented **MVVM** Jetpack architecture in the Android app.
- I worked on the entire flow of the app's Loan Request section to give users a smooth **UI and UX** experience. It included collecting data, accessing different documents(Accessing Camera, File Manager, SMS, and various other permissions) as well as showing the EMI views to the users.

Some of the other Key features I have developed here are:

- Created a **KYC system** using the Aadhaar number by automating the whole process available on UIDAI.
- I also worked on maintaining the infrastructure and **scalability** of the Java-based Sprint Boot server to handle the traffic efficiently.
- Worked on a Python-based server to get the suggestion of an application from a **suggestion system**.
- Created a system to send the memory usage of a Spring-based server for every minute to **Cloudwatch metrics**.
- Created a system to upload the zip file of lambda to AWS S3 and deploy it automatically using **Docker, AWS Fargate, and ECS**.

PROJECTS

DhobiKart — Online Laundry Service

Was a **co-founder** of one of my college startups dedicated to laundry services. Built the whole infrastructure of the Rest API Web server based on Spring, And also developed the Android app as a frontend.

<https://github.com/kumarsidddy/dhobikart>

<https://github.com/kumarsidddy/dhobikart-server>

KolKata Sub — Offline Local Train TimeTable

Designed and Developed Kolkata Sub android app to show the train timing of the local trains of Kolkata region. It was once live on the play store with more than 300K downloads.

<https://github.com/kumarsidddy/kolkatasub>

BLOGS

Medium — Explore my latest blogs here

<https://medium.com/@kumarsidddy>

EDUCATION

University Institute of Technology (UIT)
Burdwan (W.B), B.E in CSE
2013 - 2017 (66.2 % SCPA)

LANGUAGES

Hindi, English