

# Siddhant Kumar Upmanyu

Android Developer

## Personal Info

### Email

siddhantkumarupmanyu@gmail.com

### Github

github.com/siddhantkumarupmanyu

## Key Skills

Software engineering  
Test Driven Development  
App Development with Clean Architecture  
MVVM  
Object Oriented Programming  
Design Patterns  
Knows Dependency Injection  
Unit Testing  
End To End Testing

## Android Skills

Hilt  
Room  
WorkManager  
Datastore  
Navigation  
DataBinding  
Coroutines  
Flow  
JUnit  
Espresso  
Ui Automator

## Programming Skills

Kotlin  
Java  
C++  
C  
Python  
Javascript  
Typescript

## Other Technical Skills

Figma  
Linux  
Networking  
Parallel Programming in C (Pthreads, MPI)

Over 2 years of experience in Android Application development. Experience in Design, Development, Testing and Publishing of android app.

Having good understanding of Android Platform, **MVVM** Architecture and Web Apis (**REST**).

Experience in developing Android applications using Android Studio, Kotlin, Java, XML, Android SDK and other third party libraries.

Created and Published Simple FTP Server App on Play Store which have over 1000+ installs worldwide.

## Experience

### 2019 - Present

Implemented features for various applications in Java, Kotlin, and C++.

Determined architectural and product design details for open-ended tasks or specifications.

Wrote elegant, self-documenting code, easy to read and adapt for other developers.

### Key Achievements:

Created **Simple FTP Server**, which has over **1000+** organic installs on Google Play Store with rating of over **4.3+**

Integrate third party libraries including Apache Ftp Server, Retrofit, Glide.

Implemented Clean Architecture using Androidx, Android Architecture Components and **Jetpack Libraries**.

## Projects

### Simple FTP Server (<https://play.google.com/store/apps/details?id=sku.app.simpleftpserver>)

A simple app that facilitates easy sharing of data between two devices. Published on Play Store with over 1000+ organic users and rating of over 4.3+.

### Features:

Supports Internal And External Storage

Network Detection

Support Authentication with UserName And Password

Has Anonymous Mode

Supports Different Port

Works with Wifi and Hotspot

### Key Libraries Used:

Apache FTP Server

Android SDK

### Library Tracker (On Going)

A app which will fetch and notify when there is a change in bookmarked Android Library.

### Key Libraries Used:

Material Components

Retrofit

Protobuffer

Android Jetpack Libraries

Espresso

JUnit

Ui Automator