# Manikandan K

## SENIOR ANDROID DEVELOPER

- Results-driven Senior Android Developer with 7.8+ years of experience, specializing in Kotlin, Retrofit, Coroutine, MVVM architecture, and Unit Testing. Proven expertise in delivering high-quality mobile applications and adapting to emerging technologies.
- Seeking a challenging role to leverage skills in Jetpack Compose and contribute to cutting-edge Android projects.
- Exposure in working Agile process.

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## SKILLS

- Jetpack Compose
- Kotlin - Coroutine
- Android Jetpack libraries
- Retrofit & Rest API
- Model-View-ViewModel (MVVM)
- Dagger (Dependency injection )
- Data Store
- View Binding & Data Binding
- Unit Test cases ( Junit and Mockito)
- SQLite, Realm & Room databases
- Amplitude Crashlytics & Firebase Crashlytics
- Jira, Trello and Asana
- Work Manager
- Github and Bitbucket

## EXPERIENCE

**Senior android developer**
**Photon Interactive Pvt Ltd**   *Aug 2023 - Dec 2023*
**Pret A Manger**

- Experience the convenience of Pret A Manger with our official Android app.
- Craving a delicious sandwich, salad, or freshly brewed coffee.
- Pret app is designed to make your Pret experience even more enjoyable.
- Pret app availability in the US, France (FR), and the United Kingdom (UK)
- **Playstore:** https://www.pret.com/en-US/us-pretapp

**Roles and Responsibilities:**

As a Senior Android Developer, I am responsible for,

- Coffee Subscription, Loyalty and Pret Pickup (PPU / Online services) feature Module.
- Work on bug fixing and improving application performance.
- Solved complex business problems while ensuring the product was highly scalable, secure, and performant.
- Code reviewer of peer developers.
- Fully project wrote the test cases using Junit.

**Requirements and skills:**

- Experience with Kotlin

- Experience with Retrofit, Coroutine and MVVM
- Experience with Jetpack compose
- Experience with Contentful
- Experience with Aadyen
- Experience with Commerce tool
- Experience with Braze
- Experience with Launch Darkly
- Experience with Firebase
- Experience with Sentry
- Experience with Adjust – GCP
- Experience with Bitrise
- Experience with Jira.
- Experience with GitHub

## Senior Android Developer
**Altimerik India, Chennai**  *May 2021 - Jul 2023*

### Ford Pass & Lincoln way :

- Ford Pass app is designed to bring all Ford owners added value, by providing a solid set of useful tools, information, and features to make their life easier – all in one convenient place.

- Playstore: https://play.google.com/store/apps/details?id=com.ford.fordpassimg

### Roles and Responsibilities:

As a Senior Android Developer, I am responsible for,

- OIL LIFE, TPMS and Maintenance Schedule feature Module.

- Work on bug fixing and improving application performance.

- Solved complex business problems while ensuring the product is highly scalable, secure, and performant.
- Code reviewer of peer developers.

- Involved in Demo with Product Owner to get User Story as Accepted.

- Received Client Appreciation for Successfully delivering retail vehicle details tiles.

### Requirements and skills:

- Experience with Java and Kotlin
- Experience with Retrofit, Coroutine and MVVM
- Experience with RxJava and Kotling Flows
- Experience with View Binding and Data Binding
- Experience with Jetpack compose
- Experience with DI ( Dependency injection)
- Experience with Jira.
- Experience with Git and Bitbucket

## Android Developer
**Mallow Technology , Karur**  *May 2016 - May 2021*
### ❀ Fleet Rover:

- Fleet Rover application is the ability to take orders on the route, track hours of service, and view the GPS and speed events for your drivers through an extremely low-cost, easily deployed platform. Now small fleets have the same power as the giants.

- Playstore: https://play.google.com/store/apps/details?id=com.fr.fleetrover

### Roles and Responsibilities:

As an Android app developer, I am responsible for,

- Developed enterprise level applications for the clients.
- Custom line graph and tracking driver daily activities
- Maintaining local Database in the App using Paper database.
- US and Canada HOS ( Hours of service)
- Tracking violation message for driver daily and work shift activities

### Requirements and skills:

- Experience with Java and Kotlin
- Experience with Retrofit and MVVM
- Experience with View Binding and Data Binding
- Experience with SQLit and Room Database
- Experience with Crashlytics ( Fabric) and Firebase Crashlytics
- Experience with Trello & Asana
- Experience with Git and Bitbucket

### ❀ Controllex:

- The Controllex app is an integration of hardware and software and is completely designed for "Home Automation".
- A hardware device is required to add and test the app flow completely and it will be shipped by us to the users.
- Playstore: https://play.google.com/store/apps/details?id=com.app.controllex

### Roles and Responsibilities:

As an Android app developer, I am responsible for,

- Developed enterprise level applications for the clients.
- Integrated get swift concepts
- Maintaining local Database in the App using Sqlite database.
- Controllex communicate the own hardware like Boralink
- Integrated the Unit test cases

### Requirements and skills:

- Experience with Java
- Experience with MVP, MVC and MVVM pattern
- Experience with Material design
- Experience with Own hardware (**Boradlink)**
- Experience with Firebase Crashlytics
- Experience with Trello & Asana
- Experience with Git and Bitbucket

### ❀ Mosanté App:

- Mosanté App is the perfect Mobile Application which enables members to view real time information regarding their medical insurance cover.
- The information includes claims tracking, membership details, medical benefit limit available and claims refund information.
- Playstore: https://play.google.com/store/apps/details?id=com.medschememtius.claim.android.mosantecare

### Roles and Responsibilities:

As an Android app developer, I responsible for,

- Developed enterprise level applications for the clients.
- Maintaining local Database in the App using SQLite.
- Pre-fetching data for different views for smooth screen transitioning.

### Requirements and skills:

- Experience with Java and Kotlin
- Experience with MVP, MVC and MVVM pattern

- Experience with Material design
- Experience with Firebase Crashlytics
- Experience with Trello
- Experience with Git

❀ **The Lily:**

- The Lily app is an server less product using AWS Amplify and integration of software and is completely designed for "Food order management" and managing orders that restaurants receive from customers who place orders using their Alexa app or Alexa

**Roles and Responsibilities:**

As an Android app developer, I responsible for,

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**Requirements and skills:**

- Experience with Java and Kotlin
- Experience with MVP, MVC and MVVM pattern
- Experience with Material design
- Experience with Firebase Crashlytics
- Experience with Trello
- Experience with Git

## EDUCATION

**BE - Computer Science Engineering (CSE)**
**Chettinad College of Engineering and Technology**   *Jun 2010 - May 2013*
- Acquired (2010 to 2013) CGPA - 7.9 %

## ACHIEVEMENTS & CERTIFICATES

- Received Client Appreciation for Successfully delivering retail vehicle details tiles and triage and closing the 30 IPM state tickets and resolving several other tickets in Ford
- Owned the HOS logic module for the Fleet Rover app, and I received awards from the client for Mallow Technologies' outstanding coding.
- I completed the **Jetpack Compose Crash course for Android with Kotlin from Udemy!**, Sep 11, 2023
- I completed the **MVI architecture with Jetpack Compose for Android 2023 from Udemy!,** Sep 6, 2023
- I completed the **Beginners - Intermediate Course from Udemy!,**  Oct 19,2022
- I completed the **Dart - Intermediate Course from Udemy!** Oct 19,2022
- I completed the **Agile Project Management from Udemy!** on Oct19, 2022
- I received the **Customer Champion from Altimerik India**, Chennai on Dec 22, 2022

## LANGUAGES

English                                    Tamil

## INTERESTS

Table tennis                          Cricket
Carrom                                   Kabaddi