

Ramkumar P

Senior Mobile App Developer | Android (Kotlin, Jetpack Compose) | Flutter | React Native

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[Portfolio](#) | [LinkedIn](#)

PROFESSIONAL SUMMARY

Senior Mobile App Developer with 10+ years of experience in building scalable Android and cross-platform applications. Strong expertise in Kotlin, Jetpack Compose, Flutter, and React Native. Proven ability to deliver high-quality apps, collaborate effectively with cross-functional teams, and mentor developers.

PROFESSIONAL EXPERIENCE

MISC Group - Petronas, Chennai — Android Developer

Apr 2023 - Apr 2026

Internal Assignments:

- **Eaglestar Marine India Pvt Ltd** — Oct 2024 – Apr 2026
React Native inventory app with RFID & IoT integration; team leadership.
- **Magellan X India Pvt Ltd** — Apr 2023 – Oct 2024
Android inventory apps using Kotlin & Jetpack Compose with RFID & IoT.

Photon Interactive Pvt Ltd, Chennai — Senior Software Engineer - I

OCT 2022 - MAR 2023

Implemented native-side integrations and Firebase Cloud Messaging (FCM) for React Native applications.

BAssure Solutions Pvt Ltd, Chennai — Lead Consultant

JAN 2022 - OCT 2022

Led the development of a Hospital Management application using the Flutter framework.

Adyog Software Solutions Pvt Ltd, Chennai — Principal Software Engineer

NOV 2015 - JAN 2022

Led development of multiple client applications, including online shopping, news, dating, delivery, and IoT apps

SKILLS

Languages:

Kotlin, Java, Dart, JavaScript

Mobile Development:

Android, Jetpack Compose, React Native, Flutter

Architecture & Patterns:

MVVM, Clean Architecture, MVI, Reactive Programming (Flow – StateFlow, SharedFlow), Dependency Injection (Dagger, Hilt)

Backend & APIs:

REST APIs, Firebase(FCM, Auth, Remote Config)

Databases:

Room, SQLite, PouchDB

Methodologies:

Agile (Scrum), Sprint Planning, Stand-ups

Tools & Platforms:

Android Studio, VS Code, Git, CI/CD, Jira, Bugsnag

EDUCATION

SMK FOMRA Inst. Of Technology, Chennai — B.E(CSE)

During this period 2010 - 2014

PROJECTS

Sparescnx – Inventory Optimization (*React Native & Kotlin, Jetpack Compose*)

- Sparescnx is a mobile RTLS-based inventory management solution powered by IIoT, featuring RFID and 2D barcode scanner integration, along with Bugsnap for crash reporting and performance monitoring to improve inventory accuracy and asset visibility.
- Initially developed in React Native, the application was later rebuilt natively using Kotlin and Jetpack Compose for better performance and reliability. Followed MVVM architecture with Kotlin Coroutines and implemented Dependency Injection using Hilt/Dagger.

Amplitech IoT (Java)

Amplitech IoT is a smart, controllable IoT device management application built on AWS-approved hardware.

- Developed Android application using AWS IoT MQTT SDK
- Enabled secure, encrypted communication between device, server, and client
- Implemented device configuration, scheduling, and shared access
- Built power consumption analytics with detailed graph views
- Integrated AWS IoT Core, AWS Cognito, and Firebase OAuth & Cloud Messaging

Sathiyam TV – News App(*Java | WordPress Backend*)

Sathiyam TV is a mobile application powered by a WordPress backend, delivering news content and live streaming to users.

- Led development of the Android application integrated with a WordPress backend
- Analyzed user stories and actively participated in sprint planning
- Collaborated with Business Analysts / Business POCs for requirement clarification
- Implemented Firebase integrations (Remote Config, Cloud Notifications, OAuth)
- Integrated YouTube Live Streaming APIs
- Developed unit tests for implemented features to ensure reliability

Nagercoil.com (*Kotlin*)

Nagercoil.com is a multi-service online platform supporting food & drink delivery, medicine, movies, grocery, and travel & tours.

- Led development of the Android client application
- Analyzed user stories and participated in sprint planning
- Collaborated with BA / Business POCs for requirement clarification
- Implemented Firebase integrations (Remote Config, Cloud Messaging, OAuth)
- Integrated YouTube Live Streaming API
- Integrated **secure payment gateway** for in-app transactions

IslamicShop – Online Shopping(Java)

Play Store: <https://play.google.com/store/apps/details?id=com.islamicshop>

IslamicShop is an Android-based e-commerce application built on the Magento framework, enabling users to browse products, place orders, and complete purchases securely, with **100,000+ downloads** on the Google Play Store.

- Developed the Android client application using Java
- Integrated Magento backend APIs for product and order management
- Implemented secure payment gateway for online transactions
- Integrated Firebase services for notifications and configuration
- Improved app performance and user experience

Sawyouu (Flutter)

Sawyouu is a community-driven dating and social collaboration app enabling users to connect, chat, share photos, and exchange compliments.

- Designed and developed the Flutter application end-to-end
- Participated in user story analysis and sprint planning
- Coordinated with BA / Business POCs for functional clarity
- Implemented Firebase integrations (OAuth, Cloud Messaging, Remote Config)
- Integrated Google Maps for current location detection

APPLICATIONS IN THE PLAY STORE

Paddy Varieties

<https://play.google.com/store/apps/details?id=com.paddy>

Device Insights

<https://play.google.com/store/apps/details?id=com.ram.deviceinfo>

IpInfo

<https://play.google.com/store/apps/details?id=com.ipinformation>

Qr Code Scanner

<https://play.google.com/store/apps/details?id=com.qrcodescannerapp>

Thirukkural

<https://play.google.com/store/apps/details?id=com.ram.thirukkural>

Sorkal Puzzle

<https://play.google.com/store/apps/details?id=com.ram.mozhivilaiyattu>

Ram Photography

<https://play.google.com/store/apps/details?id=com.ramphotography>