

# Mukesh Kumar Patel (Mobile App Developer)

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Results-driven Mobile App Developer with **4.5+ years** of hands-on experience building production-grade Android and Flutter applications. Delivered apps with **50,000+ downloads** and **4.0+ ratings**. Proficient in Kotlin, Dart, Jetpack Compose, MVVM/Clean Architecture, RESTful APIs, and payment gateway integrations. Proven ability to architect scalable apps, lead feature development end-to-end, and collaborate cross-functionally. Actively expanding expertise in unit/widget testing and CI/CD pipelines.

## TECHNICAL SKILLS

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**Languages:** Kotlin, Core Java, Dart, XML

**Android:** Jetpack Compose, Android SDK, Dagger Hilt, Room, Retrofit, Volley, Coroutines, Live-Data, StateFlow

**Flutter:** BLock, Provider, http, dio, flutter\_local\_notification, go\_router

**Architecture:** MVVM, Clean Architecture, MVC, SOLID Principles, Repository Pattern

**APIs & Cloud:** Firebase (Auth, Firestore, FCM, Crashlytics, Deep Linking), RESTful APIs, Mixpanel, Socket.IO

**Dev Tools:** Android Studio, Git, GitHub, Bitbucket, Postman, Jira, Zoho, Figma, Gradle

**Distribution:** Google Play Store, Apple App Store

## WORK EXPERIENCE

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### NETLINK SOFTWARE PVT. LTD.

Bhopal, Madhya Pradesh, India

**Mobile App Developer** (Flutter)

APRIL 2025 - Present

- Built high-performance cross-platform Flutter applications, increasing user engagement by 25% through optimized UI rendering and smooth BLoC-driven state management.
- Integrated RESTful APIs using http and dio packages with proper error handling, retry logic, and response caching for efficient data communication.
- Adopted BLoC pattern across the codebase, improving app responsiveness by 25% and making features easier to unit-test and maintain independently
- Integrated Razorpay and PhonePe payment gateways, enabling secure in-app transactions with proper callback handling and failure recovery flows.
- Managed end-to-end app publishing on Google Play Store and Apple App Store, adhering to platform guidelines and review processes.

### DIRECT(SHOPKIRANA) PRIVATE LIMITED

Indore, Madhya Pradesh, India

**Mobile App Developer** (Android/Flutter)

NOVEMBER 2022 - APRIL 2025

- Engineered responsive Android apps in Kotlin and Java; migrated legacy code to modern patterns, resulting in measurable improvement in crash-free sessions and user retention.
- Implemented MVVM architecture with Dagger Hilt, reducing boilerplate by 40% and enabling fully unit-testable ViewModels across multiple modules.
- Built real-time chat functionality using Socket.IO, enabling seamless communication between buyers and sellers within the B2B platform.
- Integrated Firebase services: push notifications (FCM), OTP authentication, Crashlytics for crash tracking, and Dynamic Links for deep linking.

- Integrated Razorpay payment gateway with support for UPI, cards, and net banking, ensuring smooth and reliable transaction processing.
- Deployed and maintained multiple Play Store applications, managing version releases, changelogs, and responding to user feedback.

## HACKERKERNEL PRIVATE LIMITED

Bhopal, Madhya Pradesh, India

### Mobile App Developer (Android)

AUGUST 2021 – NOVEMBER 2022

- Delivered diverse client-facing Android applications in Java and Kotlin, following clean code standards and engineering best practices.
- Integrated RESTful APIs using Retrofit with proper data modeling, error state handling, and interceptors for auth token management.
- Maintained and enhanced an educational Android app by resolving production bugs, adding features, and improving page load performance.
- Designed and developed a live GPS location-tracking application using Google Maps SDK with high accuracy and efficient battery utilization.

## KEY PROJECTS

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### [MP eNagarPalika \(Government App - Flutter\) .](#)

- Developed a government-scale Flutter app enabling citizens of Madhya Pradesh to access municipal services digitally: property tax, water tax, sewerage connections, and service status tracking.
- Implemented Clean Architecture, MVVM + BLoC for clean separation of concerns, scalable module structure, and straightforward state debugging.
- Integrated RESTful APIs with government backend systems using http/dio, handling auth tokens, error fallbacks, and response caching.
- Ensured Play Store compliance with government standards through collaboration with backend, QA, and design teams.

### [Zila \(E-Commerce App - Flutter\) .](#)

- Built a full-featured cross-platform e-commerce app: product browsing, cart management, order tracking, Wishlist, and OTP-based authentication.
- Used Provider + MVVM for clean, maintainable state management across complex user flows including checkout and recommendations.
- Integrated Razorpay for secure payments and Firebase Cloud Messaging for personalized promotional push notifications.
- Optimized UI performance with custom reusable widget components, achieving fast load times across both Android and iOS.

### [SK Agent \(B2B Sales Android App - Kotlin\) .](#)

- Maintained and enhanced a Kotlin Android app for sales agents to manage order placement, retailer requirements, and real-time delivery tracking.
- Led Java-to-Kotlin migration, improving code readability, reducing null-pointer crashes, and aligning with modern Android development practices.
- Built offline cart functionality using Room Database, enabling order preparation without internet connectivity and seamless sync on reconnect.
- Developed multiple payment modes: Cash on Delivery, Pay Later, and a custom QR-based payment screen for streamlined field transactions.

- Integrated FCM push notifications for order reminders and delivery status updates; fixed live production bugs improving app stability.

## POSITION OF RESPONSIBILITY

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**Coding and Debugging:** Write clean, efficient, well-documented code to implement app features and functionalities. Identify and fix bugs to ensure smooth app performance.

**Testing and Deployment:** Conduct thorough testing on different devices and platforms to ensure app functionality and user experience. Then, following Google's guidelines, the app will be deployed to the Google Play Store.

**Collaboration:** Work closely with designers, product managers, and other developers to ensure a cohesive and successful development process.

**Communication:** Communicate effectively with clients to gather requirements, provide status updates, and address any concerns.

**Project Management:** Manage assigned mobile app development projects, including planning, resource allocation, and meeting deadline

## ACHIEVEMENTS

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- Shipped multiple production apps with 50,000+ cumulative downloads and 4.0+ star ratings on Google Play Store.
- Delivered the **MP eNagarPalika government app** serving citizens across Madhya Pradesh, meeting compliance and performance benchmarks.
- Led Java-to-Kotlin migration at ShopKirana, reducing technical debt and improving maintainability across 2 production applications.

## EDUCATION

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### SIRTS COLLEGE, RGPV UNIVERSITY

BTech, Computer Science | CGPA - 7.5

**Bhopal, Madhya Pradesh, India**

2019 - 2022

### SATI COLLEGE, RGPV UNIVERSITY

Polytechnic, Computer Science | CGPA - 6.7

**Vidisha, Madhya Pradesh, India**

2016 - 2019

### HIGH SECONDARY SCHOOL, MP BOARD

Math/Science | Percentage - 60%

**Mandideep, Madhya Pradesh, India**

2016

## LANGUAGES

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**ENGLISH** (Professional Working Proficiency)

**HINDI** (Native or Bilingual Proficiency)