

YASHRAJ JAIN

Senior Mobile Engineer | Flutter / Dart | Android / Kotlin | Immediate Joiner

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SUMMARY

Senior mobile engineer with 5 years building Flutter and Android apps. **Led 4 engineers** for products with **1M+ downloads**. **Improved onboarding completion by ~43%**, reduced crashes by **~67%**, and cut KYC rollout effort by **~70%**.

TECHNICAL SKILLS

Mobile: Flutter, Dart, Kotlin, Java, Android SDK, Jetpack Compose, Kotlin Coroutines

Architecture: Mobile system design, clean architecture, MVVM, BLoC, Riverpod, GetX, AutoRoute, **server-driven UI**

APIs & Data: REST APIs, Retrofit, native SDK integration, MethodChannels, EventChannels, Firebase, SQLite, Hive, deep linking, offline-first sync, certificate pinning, secure storage

Quality & Performance: Automated unit, widget, integration, UI, and golden tests; JUnit, TDD, BDD; production observability; Firebase Crashlytics, Firebase Analytics, Flutter DevTools, and Android Studio Profiler

AI & Automation: Python, Large Language Models (LLMs), transcript summarization, structured outputs, workflow automation

Delivery & Leadership: CI/CD, GitHub Actions, Codemagic, Fastlane, end-to-end delivery, code reviews, mentoring

EXPERIENCE

Software Engineer II (Mobile), iMumz | Jun 2024 – Sep 2026

HealthTech | Bengaluru | **1M+ Android downloads** | **60K+ MAU** | **15K+ DAU**

- **Led 4 mobile engineers** through planning, architecture, and releases; reviewed **250+ pull requests** and **mentored 2 engineers** to own features independently.
- **Reduced production crashes by ~67%** after tracing Android lifecycle races, platform-channel failures, and image-memory issues with Firebase Crashlytics.
- Restructured the Flutter app into modules for state management, networking, and navigation; added **server-driven UI** to reduce dependence on app releases.
- Standardized **subscription access across 4 apps** and added deep links between mobile and web journeys.
- Built appointment booking and Razorpay payment flows for **15+ doctors** and **1,000+ monthly appointments**.
- Built and launched a fertility app in **3-4 months** for **2,500+ couples**, owning the mobile architecture and feature delivery.
- **Improved onboarding completion by ~43%** using funnel analysis and **A/B testing** to adjust journeys by user goals, device characteristics, and city tiers.
- Built a **Python LLM pipeline** to turn Google Meet transcripts into meeting summaries, decisions, and action items.
- Managed **CI/CD and releases for 4 apps** with GitHub Actions, Codemagic, and Fastlane; handled Google Play Console, App Store Connect, and TestFlight.

Software Engineer I (Mobile), iBind Systems | Dec 2022 – Jun 2024

Flutter/Kotlin - FinTech and banking KYC | Bengaluru

- Reduced engineering effort for KYC launches in new countries by **~70%** with reusable JSON-schema-driven flows. Worked with backend engineers on REST APIs for **6+ countries**.
- Built **3+ Android/Kotlin modules** for document capture and biometric SDKs using MVVM, coroutines, and Jetpack. Added testable vendor interfaces and linked native Activities to Flutter with **MethodChannels** and **EventChannels**.
- Added automated tests for Flutter onboarding and KYC flows, reaching **85% unit-test** and **60% widget-test coverage**.

Software Engineer I (Mobile), Bijak | Sep 2021 – Dec 2022

Flutter—AgriTech marketplace | Gurgaon

- Developed **15+ features** for trader discovery, orders, payments, invoicing, and bookkeeping on Bijak Mandi (**500K+ Android downloads**, **100K+ verified traders**).
- Built **Agent and Broker apps from scratch** with trading analytics and brokerage calculations. Used AWS S3, SNS, and AppSync for media, notifications, and real-time sync.
- Improved validation and trading flows, contributing to **~25% fewer support tickets** caused by user errors.

INDEPENDENT PROJECTS

PulseSync | Health Tracking Platform | Google Play

- Built and published a **Flutter/Riverpod** health-tracking app used by **250+ users**, with health scores, goals, and trends.
- Connected **Android Health Connect** and **Apple Health** with Firebase and local storage; handled offline use, background sync, conflict handling, and cloud backup.

EDUCATION

Bachelor of Technology (BTech), Computer Science | C.V. Raman Global University | 2018 – 2022