

Abhishek Chandra

Senior Android Developer — **Kotlin** | **Jetpack Compose** | Consumer Apps at Scale

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Summary

Senior Android Developer with 2+ years building consumer Android apps in **Kotlin** and **Jetpack Compose**. Grew **LiPi**, a kids' EdTech app, solo from the ground up to **80K+ users** on **Clean Architecture**, earning a promotion to Senior in **4 months** and now leading the Android team. Strong across subscription monetization and resilient apps for low-connectivity, emerging markets.

Technical Skills

Languages & UI: Kotlin | Java | Jetpack Compose | Material Design 3 | Android TV (Leanback) | ViewBinding | Deep Links
Architecture: MVVM | Clean Architecture | Repository Pattern | Hilt (DI) | Coroutines/Flow/StateFlow | KSP
Jetpack & Data: ViewModel | Room | DataStore | Paging 3 | WorkManager | Android PDF APIs | Offline-First Sync
Networking & Media: Retrofit | OkHttp | REST/JSON (Moshi/Gson) | Ktor | LiveKit (WebRTC) | Media3/ExoPlayer | Glide/Coil
Firebase & Payments: Auth | Firestore | FCM | Crashlytics | Google Play Billing | Stripe
Security: Android Keystore | EncryptedSharedPreferences | SSL Pinning | Play Integrity API
Testing & Tooling: JUnit | MockK | Turbine | Robolectric | Espresso | Gradle (Kotlin DSL) | Azure DevOps CI/CD | ProGuard/R8 | LeakCanary

Professional Experience

Pun Learn (Meri Lipi)

Patiala, Punjab | Hybrid

Senior Android Developer

Jan 2026 – Jul 2026

- Scaled **LiPi**, Meri Lipi's kids' EdTech app, to **80K+ users** in **5+ countries** with a **4.83/5** Play Store rating; owned its architecture, release pipeline, and roadmap
- Sustained **99.8%** crash-free sessions via **Crashlytics** triage and **140+** automated tests (**JUnit**, **MockK**, **Turbine**, **Robolectric**) across billing, subscription, and deep-link flows
- Delivered subscription monetization: launched recurring billing with **Stripe**, then migrated live subscriptions to **Google Play Billing** with zero revenue disruption — **50+** active renewals tracked via **Firebase Analytics**
- Shipped in-app live video classes with **LiveKit (WebRTC)** and a dedicated **Android TV** app (Leanback, D-pad, deep links) from the shared Kotlin/Compose codebase
- Secured payment and user-data flows with **SSL certificate pinning**, **Play Integrity API**, and encrypted storage (**Android Keystore**, **EncryptedSharedPreferences**)
- Hired and built the **4-engineer** team via technical interviews; ran delivery end-to-end — task assignment, sprint planning, code reviews, mentoring, and releases — while shipping core features hands-on

Android Developer

Sep 2025 – Jan 2026

- Drove **LiPi** from zero to Play Store launch — overseeing design, planning, execution, and release — on **Clean Architecture**, **MVVM**, **Hilt**, and **Jetpack Navigation** for long-term modularity
- Developed **10+** interactive modules (Learn, Draw, Quiz, Stories, Gamification) in **Jetpack Compose** and **Material Design 3** for children aged 4–15
- Integrated **Firebase Auth**, **Firestore**, **FCM**, and **Crashlytics** for real-time sync, secure sign-in, push notifications, and crash monitoring
- Engineered the gamification engine (points, badges, levels, streaks) on **StateFlow** and **Coroutines**, the primary driver of repeat sessions
- Built an **offline-first** data layer (**Room**, **DataStore**, **Retrofit REST/JSON APIs**, **Paging 3**) with automatic background sync so the app stays fully usable offline
- Localized across Punjabi, Hindi, and English, enabling launch in **5+** international markets

Four Leaf Clover Agro Pvt. Ltd. (Gram Unnati)

Gurugram, Haryana | Hybrid

Android Developer

Mar 2024 – Aug 2025

- Boosted photo-sync reliability **45%** in low-network areas via **WorkManager** uploads with connectivity-aware retries
- Increased new-user engagement **60%** with **ExoPlayer** video onboarding for a low-digital-literacy audience
- Cut app memory usage **25%** by fixing leaks (**LeakCanary**) and adding lazy loading on image-heavy screens
- Replaced manual paperwork with in-app invoice generation via **Android PDF APIs**, raising field efficiency **30%**
- Added **Hindi/English localization** via **Locale API** and resource qualifiers for regional field users
- Implemented **OTP** login and role-based access control with **Firebase Auth**

Projects

- Kabutar | AI-Powered Bulk Email Platform | github.com/theabhishekchandra/Kabutar

Dec 2024

- Bulk-email app generating AI-personalized cold emails in Kotlin (MVVM, Retrofit, Firebase Auth) over a PHP/MySQL RESTful backend, with AI/ML contextual generation and an analytics dashboard for open and conversion rates
- ZeroDroid | Open-Source Android Hardware & Security Toolkit | github.com/theabhishekchandra/ZeroDroid

Mar 2026

- Open-source Kotlin/Jetpack Compose toolkit exposing 27 hardware and security tools across WiFi, BLE, NFC, GPS, and network scanning in 5 tool categories
 - Engineered multi-signal detection algorithms for rogue WiFi access points, hidden cameras, GPS spoofing, and Bluetooth trackers, cross-validating WiFi, BLE, magnetometer, and cell-tower signals

Education

Ambalika Institute of Management and Technology

Lucknow, Uttar Pradesh

Bachelor of Technology in Computer Science and Engineering

May 2020 – Jul 2024

Additional Information

Leadership: Technical roadmap ownership | Sprint planning | Cross-functional team leadership | Developer mentoring | Code reviews | Architecture design | Stakeholder management

Methodologies: Agile/Scrum | SOLID principles | Design Patterns | Continuous Integration & Delivery

Spoken Languages: English (Professional) | Hindi (Native)