Nitesh Ray

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Education

B.E. in Artificial Intelligence & Data Science   Jun 2022 – Jun 2026
Sandip Foundation's SITRC, Nashik, Maharashtra, India

Experience

Android Developer   Jul 2025 – Dec 2025
Indilingo Labs LLP, Language Learning App (8k+ Downloads)

- Migrated 80% of a 30k+ LOC Android codebase to Kotlin Multiplatform, cutting platform-specific duplication by 65% and enabling shared iOS + Android code.
- Integrated Google Sign-In with OAuth2 and backend APIs, reducing auth time by 40% and increasing onboarding completion by 25%.
- Redesigned 6+ screens in Jetpack Compose, making the UI cleaner, faster, and more visually consistent across the app.
- Collaborated in a 3-person development team to deliver 4 major features end-to-end.

Android Developer   Dec 2025 – Present
Greedy Games Media Pvt Ltd, AdTech Startup

- Implemented Firebase Analytics with custom event instrumentation and funnel analysis to identify drop-offs and improve user retention by 40%.
- Optimized video playback startup by implementing pre-caching and loading optimizations, reducing initial play latency by 30–40%
- Contributed to building a PDF utility app from scratch, implementing 12+ core features across document security, scanning, and monetization flows.

Projects

FlowBit – 130+ Downloads   *Kotlin, Jetpack Compose, AccessibilityService, Services, MVVM*
Play Store — GitHub

- Developed and launched a productivity app that blocks Shorts/Reels and distracting apps, reaching 100+ downloads, 40+ MAUs, and a 4.2 rating within 1 month.
- Implemented real-time distraction blocking using Accessibility Service (<50ms latency), successfully blocking 95%+ targeted content.

SliqSwipe – 50+ Downloads   *Kotlin, Jetpack Compose, MediaStore, Koin, MVVM ,*
Play Store — GitHub

- Built "Tinder for Cleaning Gallery" - a swipe-based Android app using Jetpack Compose and Kotlin with 3 feature modules, enabling users to clean photos/videos 10x faster through intuitive left-swipe-to-delete mechanics
- Integrated Android MediaStore API for efficient gallery access across 3 media types (images/video/audio) with ContentResolver queries and ExoPlayer for smooth video playback

Technical Skills

- **Languages:** Kotlin, Java, SQL, XML
- **UI Frameworks:** Jetpack Compose, XML Layouts
- **Architectures & Concepts:** MVVM, Dependency Injection (Hilt, Koin), Coroutines, REST API Integration
- **Libraries & Tools:** Retrofit, Ktor, Room, Firebase SDK, TensorFlow Lite, Android SDK, Git/GitHub
- **Cloud & Backend:** Firebase Firestore, Firebase Authentication, Firebase Cloud Messaging (FCM)
- **Developer Tools:** Android Studio, Postman, Firebase Console

Achievements

- NASA Space Apps Challenge 2024 — Global Nominee, selected in the top 10% from 9,000+ teams and 54,000+ participants across 450+ global locations.
- IIIT Gwalior Hackathon 2025 — Finalist, ranked in the top 16.6% among 600+ national-level competing teams.