

Nitesh Ray

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Experience

Android Developer Intern – Indilingo

July 2025 – Present

- Migrated **80%** of the Android native codebase to **Kotlin Multiplatform (KMP)** to enable cross-platform support.
- Integrated **Google Sign-In** and connected it with backend **REST APIs** to enable seamless user authentication.
- Enhanced app usability by redesigning multiple screens in **Jetpack Compose**, delivering a clean, modern, and responsive UI.
- Improved app performance, maintainability, and scalability by adopting **MVVM architecture**, **Coroutines**, and **Dependency Injection (Hilt & Koin)**.

Education

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

June 2022 – June 2026

Projects

Blockit | Tech Stack: Kotlin, Jetpack Compose, AccessibilityService API , Notifications , Services , MVVM

- Developed a distraction-free productivity app that blocks YouTube Shorts, Instagram Reels, apps, and websites.
- Achieved **50+ downloads** and **30+ monthly active users**, demonstrating early user adoption and engagement.
- Implemented **real-time blocking** using AccessibilityService API with efficient monitoring and notification alerts.
- Architected using **MVVM**, ensuring clean code separation, testability, and scalability.
- Designed a **minimal and intuitive UI** with Jetpack Compose for a smooth, engaging user experience.

Links : [Play Store](#) | [GitHub](#)

ArogyaSathi | Tech Stack: Kotlin, Jetpack Compose, Text-to-Speech API , Speech-to-Text API , MVVM

- Developed a **multilingual AI voice assistant** providing health guidance in 10+ Indian Languages.
- Integrated **Speech-to-Text**, **Gemini API** , and **Text-to-Speech** for a natural, conversational user experience.
- Built a **chat interface with persistent history** using Firebase Firestore, improving accessibility for recurring health queries.

Links : [GitHub](#)

Technical Skills

Languages: Kotlin, 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

- **Global Nominee** in **NASA Space App Challenge 2024**.
- Selected in **Top 100 teams** out of **600+ teams** for the **final round of IIITM Hackathon**.