


**Ranju Gupta** Android Developer

+91-9340768580 | [Ranjugupta.office@gmail.com](mailto:Ranjugupta.office@gmail.com) | Pune, Maharashtra, India

 [linkedin.com/in/ ranjugupta1211996](https://www.linkedin.com/in/ranjugupta1211996) | [github.com/ranjugupta1211996](https://github.com/ranjugupta1211996)

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## Profile

Experienced Android Developer with 6+ years of expertise in building robust, scalable Android applications using Kotlin, Java, and Jetpack Compose. Proficient in architecture patterns like MVVM, MVP, and Clean Architecture. Hands-on with Kotlin Coroutines, LiveData, Flow, RESTful APIs, and third-party SDK integration. Skilled in unit and integration testing (JUnit, Espresso, Mockito), performance optimization, and debugging. Adept at working in Agile environments and collaborating with cross-functional teams. Exposure to Flutter and back-end integration with Spring-based APIs.

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## Professional Experience

**Software Development Senior Analyst**, *NTT Data Services (Remote) Client: HCA Healthcare (Canada)* 10/2022 – Present

- Utilized **Kotlin Coroutines** and Kotlin Flows to manage background operations and lifecycle-aware data streams.
- Leveraged **LiveData** and **ViewModel** for reactive UI updates and separation of concerns.
- Integrated third-party **SDKs** for analytics, crash reporting, and secure **API interactions**.
- Conducted unit testing using **JUnit** and integration tests with **Espresso** and **Mockito**.
- Actively participated in **Agile** ceremonies including backlog grooming, sprint planning, and retrospectives.
- Explored **Flutter** for a cross-platform prototype; built basic UI and integrated REST API in a POC.
- Consumed Spring-based REST endpoints for data handling using Retrofit and Coroutines

**Senior Android Developer**, *Mplussoft Technologies Pvt. Ltd., Pune* 06/2021 – 09/2022

- Followed MVVM architecture and modular design principles for scalable app development.
- Improved API handling using Retrofit with **coroutine**-based network calls.
- Collaborated with QA to write test cases and improve functional test coverage.
- Mentored team members on implementing **Jetpack Compose** and Android architecture best practices.

**Android Developer**, *WebApp Software Solution, Kolkata* 10/2020 – 05/2021

- Delivered modular Android features in Kotlin and Java.
- Developed adaptive layouts for phones and tablets

**Android Developer**, *Sun & Sun Software Solution, Raipur* 06/2019 – 09/2020

- Built and deployed full-stack Android apps from scratch.
- Integrated RESTful APIs, optimized database, and ensured performance.

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## **Skills**

- **Languages** : Kotlin, Java, XML
- **UI Development** : Jetpack Compose, Material Design, ConstraintLayout, Custom Views
- **Architecture Patterns** : MVVM, MVP (Basic), MVI (Basic), Clean Architecture
- **Asynchronous Programming** : Kotlin Coroutines, LiveData, Kotlin Flow
- **Third-Party SDKs**: Firebase, Google Maps, Payment SDKs, Analytics SDKs
- **API & Backend Integration** : RESTful APIs, Retrofit, JSON Parsing, Spring Boot (Collaboration)
- **Testing**: JUnit, Espresso, Mockito (Basic), Kotest, Cucumber (Basic)
- **CI/CD**: GitHub Actions, Jenkins, Firebase App Distribution
- **Debugging**: Profiler, Crashlytics, Logcat, ADB
- **Version Control** : Git, GitHub, Azure DevOps
- **Agile Tools** : Jira, Confluence, Sprint Management
- **Security** : ProGuard, Secure Storage, Network Layer Hardening (Basics)

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## **Certifications**

- Agile and Scrum Certification – NTT DATA
- Android Automotive OS Basics – Google Codelab (In Progress)
- Embedded Android Development – Udemy (Enrolled)
- AOSP Build & SystemUI Customization – Self Learning
- Generative AI 101 – NTT DATA (Not Relevant – move to bottom or remove)

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## **Education**

**Bachelor of Engineering (Computer Science)** Central College of Engineering and Management (CCEM),  
Bhilai Affiliated to CSVTU | 2015–2018