

# Rohan Ramola

Software Engineer - Mobile

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## PROFESSIONAL SUMMARY

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**Android and Flutter Developer (3+ Years)** driving business outcomes through highly scalable architectures, cross-functional product strategy, and rapid-release mobile delivery under high-stakes pressure.

## SKILLS

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**Languages and Frameworks:** Java, Kotlin, Dart, Flutter, Jetpack Compose, Retrofit, Dagger Hilt, GetX, Riverpod  
**Tools and Technologies:** Android Studio, Xcode, Git, GitLab, GitHub, Gitea, TortoiseSVN, VS Code, Postman, JIRA, Push Notifications, WebSockets, RabbitMQ, Remote Config, Analytics, Crashlytics, Agile, Scrum

## EXPERIENCE

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### Software Engineer | Big Oh Tech (Outsourced to NEC India) | April 2024 - present

Noida, Uttar Pradesh

- **Boosted app responsiveness by 40%** executing a complete legacy migration from Java to Kotlin, and architecting a modernized UI utilizing **Jetpack Compose, Coroutines and Flow**.
- **Saved critical on-site client demo** by rapidly deploying 3+ use-case features and patching live bugs **less than 3 hours prior to executive presentations**.
- **Accelerated client buy-in** by prototyping a 20-screen Flutter MVP via AI tools in under 3 weeks, enforcing rigorous code reviews to maintain **0-defect clean code standards**.
- **Navigated high-stakes Go-Live environments**, successfully resolving 4+ critical pre-release deployment blockers within a **24-hour window to ensure a 100% crash-free launch**.

### Technical Consultant | IBM India Private Limited | June 2022 - May 2023

Noida, Uttar Pradesh

- **Achieved 99.9% uptime and a 15% performance increase** by deploying Azure cloud applications.
- **Decreased API failure rates by 25%** by engineering robust, centralized error handling and automatic retry mechanisms via Kotlin, Coroutines and Retrofit.

### Software Development Executive (Internship) | Skrolled | March 2022 – June 2022

Delhi

- **Spearheaded the end-to-end SDLC**, delivering a 15+ screen native mobile app within 2 months.
- **Scaled architecture and reduced boilerplate by 30%** by separating UI and business logic using MVVM.

## PROJECTS

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### Yatra | Android, Java, Kotlin, Jetpack Compose | Big Oh Tech

- Migrated **Java code to Kotlin**, streamlining the codebase and improving maintainability by 30%
- Identified and fixed memory leaks using **LeakCanary and Android Studio Memory Profiler**, reducing crashes and stabilizing overall performance by 25%.

### Mi-City CEP | Flutter, GetX, SOLID Principles | NEC India

- Reduced release deployment overhead by 35% using **isolated configuration files and product flavors**.
- Implemented a **server-driven UI** model for real-time layout updates reducing manual app releases tasks by 20%.

### VMS - Video Management System | Flutter, Riverpod, Clean Architecture | NEC India

- Architected a **scalable app via Riverpod and Clean Architecture**, reducing feature delivery time by 30%.
- **Engineered concurrent multi-stream playback**, overcoming device GPU constraints to guarantee 2s latency.

## EDUCATION

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### Master of Computer Applications, MCA

Amity University

July 2019 – July 2022

Noida, UP

### Bachelor of Science, BSc.(CS)

Atma Ram Sanatan Dharma College, Delhi University

July 2015 – Aug. 2018

Delhi