

RAHUL SINGH

Senior Android Developer | Kotlin | Java | Consumer Mobile Apps | Jetpack Compose

Jalandhar, India | +91 98779 93828 | rsrahulofficial@gmail.com

PROFESSIONAL SUMMARY

Senior Android Developer with approx. 6 years of experience programming Android applications, designing, building, testing and launching secure, scalable and high-performance mobile applications using Kotlin, Java, Android SDK and Jetpack Compose. Strong understanding of Android framework components, activity/fragment lifecycles, architecture patterns, data structures, algorithms and software design for reliable mobile experiences. Experienced in owning major features, solving hard engineering and user-experience problems, performing code reviews, collaborating with product/design/backend teams, and improving production quality through debugging, refactoring, unit testing, CI/CD-aware delivery and performance optimization. Familiar with AI code assistance workflows using Cursor, Claude CLI/Desktop, Gemini and similar tools for debugging, refactoring, test generation and architecture exploration.

TECHNICAL SKILLS

Languages & SDKs	Kotlin, Java, C++, Dart, Android SDK
Android Framework	Activities, Fragments, lifecycle-aware components, Services, Notifications, WorkManager
UI & UX	Jetpack Compose, XML UI, Material Design, reusable components, mobile user experience
Architecture	Clean Architecture, MVVM, MVP, Repository Pattern, Modularization, SOLID Principles
CS Foundations	Data Structures, Algorithms, OOP, software design, problem solving, embedded/mobile constraints
Async, Data & APIs	Coroutines, Flow, Retrofit, REST APIs, JSON, Room, Realm, offline-first sync, caching
AI-Assisted Dev	Familiar with Cursor, Claude CLI/Desktop, Gemini, GitHub Copilot for debugging, refactoring and tests
Quality & Delivery	JUnit, Unit Testing, Code Review, CI/CD, Agile Scrum, Git, GitHub, Unix/Linux command-line familiarity
Performance	Memory Management, Performance Optimization, Firebase Analytics/Crashlytics, production debugging

CORE COMPETENCIES

- Android Lifecycles
- Jetpack Compose
- Code Reviews
- Notifications
- Kotlin & Java
- Clean Architecture
- AI Code Assistance
- Offline Sync
- Consumer Mobile Apps
- MVVM Architecture
- Performance Tuning
- Agile Scrum

PROFESSIONAL EXPERIENCE

Senior Software Developer | Qyula LLC Jan 2026 - Present

Project: Shujaa Mobile - Digital Lending Platform | **Tech:** Kotlin, Jetpack Compose, MVVM, Clean Architecture, Firebase, REST APIs

- Own and deliver major Android features for a scalable mobile product using Kotlin, Jetpack Compose, MVVM and Clean Architecture.
- Integrate REST APIs and JSON payloads for transaction workflows, user data flows and reliable app behavior.
- Use Coroutines, Flow and lifecycle-aware patterns to keep asynchronous operations responsive, predictable and testable.
- Apply secure coding, debugging and production monitoring practices with Firebase analytics and crash reporting.
- Collaborate with backend, QA, product and design teams on architecture discussions, sprint delivery and release readiness.
- Perform peer code reviews, recommend implementation alternatives, optimize app performance and write unit tests for critical modules.

Senior Software Developer | Mobile Programming Jun 2024 - Dec 2025

Project: CytraSG - Cylinder Tracking System | **Tech:** Kotlin, MVVM, Room, WorkManager, QR/Barcode, REST APIs

- Built Android features for real-time cylinder tracking, inventory workflows and field operations.
- Implemented Room database and WorkManager for offline-first behavior, local persistence and reliable background sync.
- Integrated QR/barcode scanning and REST APIs, improving operational visibility and data accuracy.
- Optimized app performance by approximately 30% through cleaner data structures, background work tuning and UI responsiveness fixes.

Project: HAAS Alert - Android Automotive OS | Tech: Android Automotive OS, Services, Notifications, Performance Optimization

- Implemented reliable background services and real-time notification systems for Android Automotive use cases.
- Improved runtime stability through focused debugging, memory-aware implementation and performance tuning.

Project: SafeX | Tech: Jetpack Compose, reusable UI components, graphs, animations

- Developed reusable Compose UI components and motion/graph interactions while following Android UI best practices.
- Collaborated on code reviews and delivery planning to keep shared components maintainable across releases.

Senior Android Developer | PrepLadder Pvt Ltd May 2020 - May 2024

- Developed and maintained scalable consumer learning applications using Kotlin, Java, MVVM and modular architecture.
- Led module-level Android delivery and helped define reusable components for high-traffic learning workflows.
- Migrated legacy Java modules to Kotlin, reducing code complexity by approximately 20% and improving maintainability.
- Used Dagger/Hilt for dependency injection across modules and improved separation of concerns.
- Solved performance and user-experience issues, reducing reported bugs by approximately 28% through profiling, refactoring and focused triage.
- Supported CI/CD release processes, production debugging and performance optimization for smoother app rollouts.
- Participated in technical documentation and architecture discussions.
- Improved application stability and runtime performance.

Android Developer | Agileient *Jan 2020 - Apr 2020*

- Built social networking features including profiles, messaging and feeds using Android SDK, REST API integrations and reusable UI components.

Android Developer | Infostreamz *Aug 2019 - Dec 2019*

- Delivered Android features for billing, salon booking and tracking applications.
- Integrated location services, mapping APIs, JSON APIs and device-specific flows for production mobile applications.

Trainer cum Developer | Electrom Solution *Aug 2016 - Jul 2019*

- Delivered training in C++, Java and Android development while managing multiple technical projects end to end.
- Built a Home Automation with Bluetooth project using Android, Bluetooth/BLE device communication and voice-control commands.
- Guided learners on OOP fundamentals, Android basics, UI implementation and practical application development.

SELECTED CROSS-PLATFORM EXPERIENCE

- Flutter Fintech Demo App: built authentication, dashboard and transaction listing with Dart, REST APIs, Provider and Clean Architecture.
- Flutter Sports App: created cricket score list/detail flows with third-party API integration, reusable UI and performance-focused implementation.

EDUCATION & LANGUAGES

B.Tech - Computer Science, Anand College of Engineering and Management, Kapurthala | Graduated: May 2020

Languages: English, Hindi, Punjabi