

SANCHIT KHANDELWAL

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SUMMARY

Android Developer with 4+ years of experience in designing, developing, and deploying high-performance Android applications. Skilled in Kotlin, Java, Android SDK, and Jetpack components, with expertise in Model-View-ViewModel (MVVM) architecture, Clean Architecture, and API integration. Experienced in building scalable, secure, and user-friendly mobile solutions. Strong collaborator with cross-functional teams to deliver apps that improve performance, reliability, and user experience.

EXPERIENCE

Junior Android Developer

Jul 2023 – Present

Tailored Solutions Pvt Ltd

Remote

- Engineered an asset management Android app, boosting operational efficiency by 30% through streamlined workflows.
- Applied offline-first functionality using Room Database, enabling uninterrupted usage in low-network environments.
- Optimized Kotlin-based codebase, reducing memory usage by 25% and improving load times by 30%, which increased user retention by 20%.
- Orchestrated API integrations with RESTful services for real-time data sync and secure authentication.
- Partnered with UI/UX, backend, and QA teams, ensuring timely feature delivery with a 95% on-time release rate.

Software Developer

Jun 2022 – Jun 2023

Java IT Solutions Pvt Ltd

Jaipur, India

- Developed and maintained cab and bus booking Android apps using MVVM, resulting in a 25% increase in daily active users.
- Integrated Google Maps API to enable real-time ride tracking and route optimization, enhancing customer satisfaction.
- Expanded skill set by contributing to Angular-based web apps, improving project delivery speed by 20%.
- Managed backend data using Microsoft SQL Server, improving query efficiency and reducing downtime by 25%.
- Collaborated with QA engineers to fix high-priority bugs, boosting app stability and decreasing crash rates by 22%.

Intern Android Developer

Aug 2021 – Jun 2022

Finance Lookup Advisor

Jaipur, India

- Built a refer-and-earn app using Java and Firebase, which increased user referrals by 40% within the first 3 months.
- Integrated Firebase Authentication and Firestore, ensuring secure user data management and reliable storage.
- Assisted senior developers in debugging and testing, reducing defect density by 20%.
- Applied Agile development practices, shortening release cycles and improving delivery timelines by 25%.

EDUCATION

Diploma in Software Engineering, National Institute of Information Technology (NIIT) 2018 – 2021
Jaipur, India

SKILLS

- **Programming Languages:** Kotlin, Java
- **Android Development:** Android SDK, Jetpack (Room, LiveData, ViewModel, Navigation), Retrofit, Dagger/Hilt
- **Backend & APIs:** RESTful APIs, Firebase (Authentication, Firestore, Realtime Database)
- **Architectures:** Model-View-ViewModel (MVVM), Clean Architecture
- **Databases:** Room Database, SQLite, Microsoft SQL Server
- **Tools:** Android Studio, Git, Postman, Jira
- **Web Technologies:** Angular, ASP.NET MVC (basic knowledge)

PROJECTS

Sysma – Asset Management App Jun 2023 – Jun 2024

- Designed and launched an AI-powered manufacturing app to improve Overall Equipment Efficiency (OEE) by 25%.
- Implemented MVVM with offline-first Room Database, ensuring uninterrupted functionality without internet.
- Integrated REST APIs for equipment analytics, reporting, and predictive maintenance.
- Streamlined app performance, reducing APK size by 20% and supporting multiple user profiles for industrial environments.
- Collaborated with backend and design teams to deliver a user-friendly app with 95% positive feedback from pilot users.

GMDC Parivahan – Transport Management App Jan 2024 – May 2024

- Engineered a transport management app in Kotlin, automating vehicle allotment and driver scheduling.
- Integrated APIs for real-time vehicle booking, driver attendance, and cost tracking, enhancing transparency by 30%.
- Introduced maintenance scheduling and reporting features, improving fleet efficiency by 25%.
- Partnered with cross-functional teams to deploy the app for 500+ daily users with minimal downtime.

Referr – Refer-and-Earn Platform Aug 2021 – Apr 2022

- Developed an Android referral app using Java and Firebase, increasing referral-based signups by 40%.
- Implemented Firebase Authentication and Firestore for secure login and scalable data storage.
- Improved app performance by reducing API call failures by 20%, improving overall reliability.
- Delivered an intuitive UI that boosted average session time by 25%.