

Rishabh

Android Developer | Software Engineer

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Summary

Ambitious Android Developer with 2.5 years of experience building high-quality, scalable apps using Kotlin, Java, Jetpack Compose, and MVVM. Proven contributor to apps with 700K+ downloads, with strong expertise in Clean Architecture, Coroutines, Hilt, Firebase, and REST APIs. Passionate about AI and futuristic technologies, aiming to merge mobile development with intelligent systems.

Skills

- **Languages & Fundamentals:** Kotlin, Java, SQL, OOP, Data Structures & Algorithms
- **Android Development:** Android SDK, XML, SQLite, Retrofit, Firebase, REST APIs, JSON, Broadcast Receiver, Services, CameraX
- **Jetpack Components:** Jetpack Compose, Room DB, LiveData, ViewModel, WorkManager, Navigation
- **Tools & Platforms:** Android Studio, Git, GitHub, Postman, VS Code
- **Others:** Operating Systems, Agile Methodology, Spring Boot (Basic), SOLID Principles

Work Experience




Android Developer

Quantum4u Labs | Gurugram, Haryana

07/2023– Present

- Independently developed and maintained Android applications, ensuring clean architecture and optimal performance.
- Conducted R&D to implement innovative solutions using modern libraries and tools (e.g., Room, Retrofit, LiveData), and explored AI-integrated Android apps using APIs like ChatGPT and Gemini.
- Resolved real-time bugs reported by QA teams and users in production environments.
- Implemented new app features focused on enhancing user experience and engagement.

Projects

- **AI Art: AI Photo Generator** 
 - Developed an AI image generator app using Android, Kotlin, Coroutines, StateFlow, MVVM, Dagger Hilt, CameraX, Retrofit, Room DB, and Firebase for analytics and crash reporting.
 - Integrated text-to-image & image-to-image generation via an API, with customizable art styles.
 - Implemented features like image history management with Room DB, custom camera functionality using CameraX.
 - Enhanced user experience with AI-based cartoon, tattoo, sticker, and logo generation, alongside reusable AI prompts and negative prompt features
- **Plant Care: Identify Plants** 
 - Developed an AI-powered plant identification app using Kotlin, MVVM, Coroutines, CameraX, Retrofit, and Room DB, enabling identification of 40,000+ plant species via camera scanning and gallery uploads.
 - Integrated third-party AI API for plant identification and disease diagnosis, delivering comprehensive profiles with species characteristics, medicinal benefits, care instructions, and environmental condition comparisons.
 - Implemented Room DB for plant care hub, search history management, and offline access, with CameraX-based light meter feature to optimize plant placement recommendations.
- **Tea Amo - Match, Spot Red Flag** 
 - Developed a dating app using Kotlin, Clean Architecture, Navigation Component, Coroutines, Retrofit, and MVVM, enabling users to discover profiles, match based on interests and compatibility, and connect with verified users nearby.
 - Implemented profile exploration and matching system with real-time notifications, interactive features for commenting and reacting on profiles, and preference-based filtering to identify compatible matches.
 - Built user authentication and profile verification system with Retrofit API integration, ensuring secure connections and reducing fake accounts while enhancing user safety and trust in the dating platform.

Education

- **Dr. A.P.J. Abdul Kalam Technical University** 07/2019 – 06/2023
Bachelor of Technology, CSE | CGPA : 7.8
- **C. A. B. Inter Collage, Meerut** 04/2017 – 04/2018
Senior Secondary (PCM) | Percentage : 75%

Languages

- English
- Hindi