

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

Bachelor of Technology, CSE | CGPA : 7.8

07/2019 – 06/2023

C. A. B. Inter Collage, Meerut

Senior Secondary (PCM) | Percentage : 75%

04/2017 – 04/2018

Languages

- English

- Hindi