Rishabh Tanwar

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SUMMARY

With over 8 years of hands-on experience, my focus has been on analyzing, designing, and developing a wide range of applications, spanning client, server, and enterprise domains. I'm proficient in utilizing cutting-edge technologies such as Kotlin, Flutter, and Java to create robust solutions tailored to specific project requirements.

My primary area of expertise lies in Android application development, where I bring a deep understanding of the Android OS ecosystem, interactive application design principles, and effective memory management strategies to the table.

EXPERIENCE

Tech Lead   Feb '20 — Present
Park+   Gurgaon

- Initiated and executed the development of a product from inception to launch, fostering cross-functional collaboration, resulting in over 10 million downloads.
- Architected and implemented a multi-module project framework, enhancing project maintainability by establishing clear separation of concerns and modularizing applications for streamlined development.
- Leveraged Kotlin's coroutines and flow API to harness the power of asynchronous programming, optimizing performance and responsiveness within the application.
- Guided the successful migration of a Native Android application to Flutter, ensuring a smooth transition while capitalizing on Flutter's capabilities for enhanced user experience and development efficiency.
- Seamlessly integrated multiple payment gateways, enhancing the payment experience for users by providing diverse and reliable payment options.
- Implemented Koin/Kodein Dependency Injection frameworks within the project, effectively reducing coupling between classes and dependencies, thus enhancing scalability and maintainability.

Sr. Software Engineer   Nov '18 — Feb '20
Game Change Solution   New Delhi

- Collaborated both independently and within teams to develop multiple client applications, demonstrating adaptability and teamwork in achieving project goals.
- Played a pivotal role in the full lifecycle development of applications, from conception to deployment, ensuring comprehensive and high-quality deliverables.
- Managed product flavors to efficiently maintain different product variants within a single codebase, optimizing development workflows and ensuring consistency across deployments.
- Implemented FastLane for Continuous Integration/Continuous Deployment (CI/CD), automating the build and deployment processes to streamline development and enhance efficiency.

Sr. Software Engineer   Dec '16 — Oct '18
Curo Health Care   New Delhi

- Revamped the mobile application's architecture, implementing a blend of MVP, MVVM, and RxJava paradigms to enhance scalability, maintainability, and responsiveness.
- Implemented strategies such as split APKs and vector images to significantly decrease the application's APK size, optimizing user experience and device storage usage.
- Developed comprehensive unit tests to fortify code robustness, encompassing diverse scenarios including edge cases, usability considerations, and ensuring overall reliability.

Software Engineer   Sep '15 — Dec '16
inOne   New Delhi

- Meticulously documented and upheld design specifications, source code, and archives for novel applications and concepts, ensuring clarity, continuity, and future reference.
- Translated UI/UX requirements, APIs, and mockups into meticulously crafted, high-performance Android applications, aligning closely with project objectives and user expectations.
- Demonstrated proficiency in leveraging fragments and Android XML layouts, skillfully crafting adaptive interfaces tailored to various device form factors, thus optimizing user experience across a diverse range of devices.

SKILLS

Programming Languages   Kotlin, Java, Dart, Rx-Java, Coroutine
Technologies/Framework   Android SDK, Android Studio, Android Jetpack, Jetpack compose, XML layout, Room , Retrofit, Google Maps, Flutter, FCM

EDUCATION

Bachelor of Technology, GGSIPU   New Delhi, India