

Rajdeep Singh

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Android Developer with 4+ years of experience in Java and Kotlin, adept at building robust, user-centric applications. Eager to apply my technical skills and passion for mobile innovation in a dynamic development team.

Technical Skills

Languages: Java, Kotlin, C, C++, JavaScript, TypeScript Dart

Frameworks and Tools: Android SDK, Android Studio, Retrofit, Firebase, SQLite, Room Database, LiveData, MVC, MVVM, Dependency Injection (Hilt and Dagger), Jetpack Compose, Git, Google Analytics, Firebase Analytics

Cross-Platform Development: React Native, Flutter

Testing and Debugging: JUnit, Espresso, Unit Testing, Debugging Tools (ADB, Logcat, Android Profiler)

Project Management: Agile (Scrum, Kanban), Jira

Experience

Concentrix Services India Pvt. Ltd.

Apr 2021 - Mar 2022

Mobile App Developer

Bengaluru, India

- Contributed to the development of the iChangi Airport app, enhancing user navigation and services accessibility, leading to a 15% improvement in customer satisfaction ratings.
- Led Storybook-driven UI development, boosting consistency and reusability by 20%, simplifying testing/documentation.
- Implemented comprehensive unit testing in the app, improving code quality and reliability by 40%, and reducing bug incidence by 50% in key features.
- Contributed to the adoption of agile methodologies, utilizing Jira and Confluence, improving team productivity by 15% through iterative development cycles.
- Enhanced app user experience by implementing GraphQL APIs via AWS AppSync and Amplify, achieving a 25% increase in user engagement and reducing API call overhead by 30% for improved efficiency and performance.

Ibrat Innovations OPC Pvt. Ltd. (Innovatia)

Oct 2020 - Apr 2021

Android Developer

New Delhi, India

- Implemented Airalo eSIM integration in the Prune app, offering seamless global connectivity for travellers in over 200 countries, simplifying internet access and reducing roaming charges.
- Worked on PayUMoney and Paytm payment gateways integration into the Prune app, leading to a 40% increase in transaction security and a 20% rise in user purchase completion rates for SIM and plans.
- Conducted comprehensive unit tests using JUnit and UI tests using Espresso, ensuring robustness and reliability of codebase with over 90% test coverage.
- By implementing Hilt for automated dependency injection within the MVVM architecture, we cut down repetitive code by 40%, greatly enhancing the app's maintainability and scalability.

Savera InfoTech

Jul 2019 - Sep 2020

Android Developer

Ranchi, India

- Contributed to two major Android projects, "Puresh Daily" and "Essentials," playing a key role in their development and successful launch.
- Implemented unit testing methodologies, resulting in a 35% reduction in post-release bugs and improving overall app reliability in Puresh Daily.
- Integrated push notifications in the "Essentials" app, leading to a 25% increase in user engagement and a 15% improvement in retention rates through timely updates on orders, deliveries, and promotions.
- Managed "Puresh Daily" app's key features: product browsing, cart, and order tracking, boosting user experience and efficiency.
- Enhanced collaboration in an Agile framework with cross-functional teams, accelerating project timelines by 20% and improving feature prioritization efficiency in both the projects.

SRS Live Technologies Pvt. Ltd.-(SabPaisa)

Sep 2017 - Jun 2019

Android Developer Intern

New Delhi, India

- In SPApp, led the integration of DCB Bank UPI, boosting revenue by 24%, enhanced onboarding security with Google's SMS API, and collaborated on API design and implementation, improving system reliability by 15%.
- Implemented MVC architecture in SPApp, enhancing maintainability and scalability by achieving a 20% improvement in development efficiency and a 15% reduction in code complexity.

Projects

Prune: Mobile Sim Store | *Android, Kotlin*

- Contributed to the Prune App, a comprehensive platform for purchasing mobile connections in over 190 countries, making bill payments, and discovering top travel experiences worldwide.
- Implemented a network strength calculation feature in the Prune App, displayed through a heat map, significantly aiding user decisions by enhancing mobile network quality visibility, leading to a 45% increase in user satisfaction.
- Developed Android background services for the app to monitor user call usage, enabling personalized plan suggestions that led to a 20% increase in plan subscription rates.

Puresh Daily | *Android, Kotlin*

- Enhanced the app with API integrations and OAuth2 authentication, boosting user experience by 25% and registrations by 15%.
- Leveraged MVVM architecture and conducted testing with JUnit and Espresso, enhancing app stability and development efficiency.

Essentials | *Android, Java*

- Implemented a referral points system in the "Essentials" app, resulting in a 40% increase in user retention rates.
- Developed deliveries, promotions, and order list APIs using retrofit and integrated FCM for notifications, enhancing app communication and user engagement.
- Created a chat bot messaging module to assist in resolving user queries, improving customer support efficiency and user satisfaction.

Pizza Singh | *Android, Kotlin*

- Developed a comprehensive pizza ordering Android application, encompassing both a user interface for placing orders and an admin module to manage order acceptance or rejection. Leveraged Kotlin for robust app development, integrated with Cloud Firestore for real-time data handling, and implemented the MVVM architecture to ensure a clean separation of concerns. Enhanced the app's scalability and maintainability by incorporating Hilt for dependency injection.

Education

Fanshawe College <i>Ontario College Graduate Certificate - Mobile Application Development)</i>	May 2022 - Sep 2023 <i>London, Ontario, Canada</i>
• Relevant Coursework: Android React Native IOS PWA Web Development Database Management	
Dr. A.P.J. Abdul Kalam Technical University <i>Bachelor of Technology - Information Technology)</i>	Aug 2013 - Aug 2017 <i>Gr. Noida, India</i>
• Relevant Coursework: C C++ Java Database Management Web Development Android Development OS	