

Rajdeep Singh

ON, Canada | [6478937103](tel:6478937103)
rajdeepf1@gmail.com | [LinkedIn](#) | [Github.io](#)

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.

SKILLS

- **Programming Languages:** Java, Kotlin, C, C++, JavaScript, TypeScript.
- **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.
- **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., Bengaluru, India - Mobile App Developer Apr 2021 - Mar 2022

- 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.
- Boosted development productivity by 30% and ensured timely project completion through Agile (Scrum) methodologies.
- Implemented comprehensive unit testing in the app, improving code quality and reliability by 40%, and reducing bug incidence by 50% in key features.
- 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), New Delhi, India - Android Developer Oct 2020 - Apr 2021

- 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.
- Collaborated with UX/UI designers to implement user-friendly design features, enhancing customer satisfaction rates.

Savera InfoTech, Ranchi, India - Android Developer Jul 2019 - Sep 2020

- 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), New Delhi, India - Jr. Android Developer Sep 2017 - Jun 2019

- 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

A. [Prune \(Mobile Sim Store\)](#)

- 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.

B. [Puresh Daily](#)

- 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.

C. [Essentials-Ranchi Ka Apna Online Supermarket](#)

- 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.

D. [Pizza Singh App](#) (Capstone Academic Project)

- 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

Ontario College Graduate Certificate at Fanshawe College, Ontario, Canada

May 2022 - Sep 2023

Mobile Application Development

Relevant Coursework: Android | React Native | IOS | PWA | Web Development | Database Management

Bachelor of Technology at Dr. A.P.J. Abdul Kalam Technical University, Gr. Noida, India

Aug 2013 - Aug 2017

Information Technology

Relevant Coursework: C Language | C++ | Java | Database | Web Development | Android Development