Rajdeep Singh

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Android Developer with approximately 5 years of experience in Java and Kotlin, skilled in creating robust, user-focused applications. Excited to bring my technical expertise and enthusiasm for mobile innovation to 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, MVC, MVP, MVVM, Data Binding, LiveData, ViewModel, Dependency Injection (Hilt and Dagger), Jetpack Compose, Git, Google Analytics, Firebase Analytics, RESTful APIs, GraphQL, XML, JSON, UI/UX
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, Confluence
Soft Skills: Collaboration skills, Cross-functional team, Problem-solving, Attention to Details, Adaptability, Articulate

Experience

Concentrix Services India Pvt. Ltd. — Apr 2021 - Mar 2022
Android | React Native 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 (Academic project)*

- Developed a detailed pizza ordering Android application as an academic project at Fanshawe College in London, ON. The project included a user interface for placing orders and an admin module for managing order acceptance or rejection. Utilized Kotlin for reliable app development, integrated Cloud Firestore for real-time data management, and applied the MVVM architecture for a clear separation of concerns. Improved the app's scalability and maintainability by using Hilt for dependency injection.

Education

Fanshawe College   May 2022 - Sep 2023
Ontario College Graduate Certificate - (Mobile Application Development)   *London, Ontario, Canada*
- **Relevant Coursework:** Android | React Native | IOS | PWA | Web Development | Database Management

Dr. A.P.J. Abdul Kalam Technical University   Aug 2013 - Aug 2017
Bachelor of Technology - (Information Technology)   *Gr. Noida, India*
- **Relevant Coursework:** C | C++ | Java | Database Management | Web Development | Android Development | OS