Manish Pratap Singh

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SUMMARY

Experienced senior software developer with 7.5 years of expertise in Java and Kotlin. Skilled in architectural design for cross-platform consistency. Collaborative team player delivering high-quality apps, including TDD-based projects. Currently learning Kotlin multiplatform mobile and Compose multiplatform.

- Expert at Android SDK design functionality, including the full activity lifecycle TDD.
- Utilized Kotlin for higher-order functions, null safety, and delegate design patterns.
- Knowledgeable about back-end development and documentation.
- Jetpack compose and explored Kotlin Multiplatform, KTOR, and compose multiplatform.

Skills

1. **Programming Languages: Java, Kotlin, Dart ,Java Script(Basic)**

2. **Frameworks:- Android, Flutter, Ktor, Kotlin multiplatform, Compose multiplatform.**

3. **Tools:** Git, GitHub, Gradle, Jenkins, GitHub Actions CI/CD, Firebase tools.

4. **Key Skills:**

   - Knowledge of Firebase Tools.

   - Good knowledge of popular libraries on Android.

   - Core Java, Dart, Rx Java, Room Database ,SqLite , Jetpack Architecture Components , Coroutines.

   - MVVM , Koin , Dragger.

   - React Native(Basic)

- Practicing proper android architecture and proper code organization.

- Hands on experience with the full lifecycle of app.

- Have development experience with Flutter using Dart and GetX.

WORK EXPERIENCE

Sr. Mobile Application Developer

V 5 Global Pvt.Ltd Pvt. Ltd
June 2020 to Present

- Introduced a highly scalable badges and points system on the existing product.

- Use Instana to provides comprehensive, real-time application performance monitoring (APM) with AI-powered anomaly detection. allowing you to quickly identify and troubleshoot issues across complex distributed systems.

- As the only Android developer for the company when joined, very quickly jumped on board and took full responsibility for the development and operation of the app.

- Led the transformation of the V5 Smart Infield App, demonstrating adaptability and expertise in rearchitecting and re-framing the entire product. Implemented Agile and Lean principles, resulting in optimized app performance for multiple client.

- Advocated Test-Driven Development (TDD) for efficient, reliable code.

- Utilized Kotlin's features for a clean, maintainable codebase.

- Led the creation of a feature-rich social media app, distinguished by its innovative video playback within a scrollable list, facilitating user-generated media sharing and seamless real-time chat interactions

- Performed bug fixes on existing code and analysed existing code to proactively detect and fix code. Performed an extensive code review to better understand the entire code.

- Develop one or 2 Apps which were cross-platform in Flutter.

- I have also developed chat feature in our App using Third Party Sdk(Mirror Fly)

Android developer Trainee
Virinchi Software Pvt. Ltd
August 2017 to June 2020

- Created custom mobile applications using native technologies.

- Devised documentation for each app, detailing operation aspects, functions, capabilities and features.

- Applied various techniques to locate bugs and errors in applications for speedy issue resolution.

- Used specific code versioning tools to manage and implement changes to programs.

- Successfully integrated push notifications into apps, bolstering user engagement

- I developed a Health care domain App(docOPD) in Kotlin from scratch.   .

- Incorporated offline storage, performance tuning and threading into apps for seamless use.

- Implement Payment Gateway (Razor Pay)

- Design some utility type App for children using animation and sound and drag and drop type like a game.

- Create Cab booking or Request App (both Application Driver or Passenger) using Firebase for ringing the request and notify the user, Service, Payment Gateway.

- Induction of proper crash reporting and analytics solutions. Using Firebase Crashlytics

Android developer Trainee
Virinchi Software Pvt. Ltd
January 2017 to August 2017

- As an Android Developer trainee, I gained handson experience and learned from senior developers, contributing to innovative mobile applications. Building a strong foundation for my career.

ACCOMPLISHMENTS

- **Enhanced E-commerce Interaction:** Engineered a dynamic coupon system integrating RESTful API, enabling seamless purchasing and redemption with partner vendors.

- **Real-time User Engagement:** Pioneered a Firebase-based oneto-one chat feature, enriching the user experience through real-time communication capabilities.

- **Responsive UI/UX:** Revamped mobile UI with responsive design and dynamic image sizing, ensuring optimal user experiences across devices.

- **Market-Ready Deployment:** Integral in deploying the beta app version to the Play Store, collaborating on testing and validation for a smooth user experience.

- Hybrid Application Create by using Flutter using Dart and GetX.

Projects

1. HARMAN Field Force: -

- **Description: -** V5 Global is a container India composed business plan consulting and remaking affiliation that gives an extensive gathering of organizations in the arrangements and displaying space.

- **Role: - Senior Android Developer**
- **Tools and Technologies: -** Java, SQLite, Kotlin, MVVM, Room Database, Retrofit, Mirror Fly Chat SDK, Rest API.
- **Play Store Link: -** https://play.google.com/store/apps/details?id=com.fieldforce.harmonkardonff

2. V5 Product Field Force: -

- **Description: -** V5 Global is a container India composed business plan consulting and remaking affiliation that gives an extensive gathering of organizations in the arrangements and displaying space.

- **Role: -Senior Android Developer**

- **Tools and Technologies: -** Java, SQLite, Kotlin, MVVM, Room Database, Retrofit, Mirror Fly Chat SDK, Rest API, Dynamic Add Module with UI for different clients (Airtel, Apple, Eureka, MSI. etc.)

- **Play Store Link: -** https://play.google.com/store/apps/details?id=com.fieldforce.prodfieldforce

3. docOPD:-

- **Description (**docOPD Phlebo Mobile App) Phlebo Mobile App helps in sample collection servicing bookings around your city. - The app guides phelbo to the patient's home address and will inform you about the sample drop off point. - Sample Bookings - Bookings received via Call center or via our digital properties will be pushed on to this App. You will also be able to modify the bookings including adding/deleting tests, demographic details etc based on patient requirements. - New Sample Booking - You will now be able to create and submit a new booking - The app will generate payment receipt & will be share on patient mobile via app, sms or WhatsApp

- **Role: - Senior Android Developer**
- **Tools and Technologies: -** Java, SQLite, Kotlin, MVVM, Room Database, Retrofit, Rest API
- **Play Store Link: -** https://play.google.com/store/apps/details?id=com.vspl.health_work.docopd

EDUCATION

Master of computer Application **| GLA University**

Mathura | July 2017

Bachelor of Science **| DBRAU Agra**

Agra | July 2015