

DEEPT VYAS

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Summary

Android Developer with 2.5+ years of experience building scalable mobile applications using **Kotlin**, **Java**, and **Jetpack Compose**. Skilled in **MVVM** architecture, **RESTful API** integration, Firebase, and performance optimization. Adept at collaborating in Agile teams, mentoring peers, and delivering high-quality solutions that enhance user experience and business outcomes.

Education

CMR Institute of Technology

Bachelor of Engineering in Information Science

Sep 2019 – Jul 2023

Bengaluru, Karnataka

TECHNICAL SKILLS

Programming Languages: Java, Kotlin, XML, C, Python, JavaScript

Tools: Android Studio, Git/GitHub, Fastlane, Firebase, Gradle, CI/CD pipeline, Binding, MVVM

Frameworks Libraries: Jetpack Compose, Android SDK, Room DB, SQLite, Retrofit, OkHttp, Coroutines, Hilt, LiveData, Flow

Testing & Debugging: JUnit, Espresso, VAPT, Sonar, Code Coverage

Experience

OneBanc Technologies

Android Developer

Jan 2025 – Present

Gurugram, Haryana

- Redesigned the Account Aggregator module by collaborating with cross-functional teams to integrate **WebView** and **REST APIs**.
- Implemented **RecyclerView** with 3+ view holders improving the load time by **80%**, eliminating **NestedScrollView** and optimizing performance while efficiently managing search states, category filtering, **pagination** and **debouncing**.
- Built a robust **SQLite** Wrapper Library in Kotlin, reducing the integration time by **40%**, feature includes caching and use of reflection.
- Implemented runtime configuration updates for **theme** and **localization** without ViewModel overhead.
- Improved code quality and security through **SonarQube**-driven **VAPT**, resolving issues related to test coverage, maintainability, and code duplication; increased stability with expanded **Unit/UI test coverage**.

Lipi Data Systems Ltd.

Engineer

Aug 2023 – Dec 2024

Udaipur, Rajasthan

- Built Android kiosk app in **MVVM** using **Retrofit**, **LiveData** & **Jetpack** for vaccine dispensing, integrating **USB communication** with hardware and **SSE** for one-way server communication.
- Developed photo-editing kiosk app (**Java & Kotlin**) with custom **dialogs**, **adapters**, **fragments** and advanced error handling.
- Engineered a Kiosk Application from scratch which enables a user to find the shortest path between two points in an indoor premises over a custom-designed 3D map using **Deck GL**, **React JS**
- Applied **Multithreading** and **WebSocket** communication in digital signage application for real-time broadcasts and updates.

Projects

Voice Based Email | *Java, Java Mail API, TextToSpeech*

- An android application which enables visually impaired people to send an Email just by speech and with minimal taps.
- Integrated TextToSpeech and SpeechRecognizer enabling hands free usage
- Added support of Java Mail API for sending mails directly and improved efficiency

Customer Service App | *Kotlin, Jetpack, Room DB*

- WhatsApp cloned application used for as a bot end point , using WhatsApp chat API, made using MVVM architecture and Retrofit with jetpack.
- Designed the classes and stored chats and data locally for faster access, used **LiveData** for efficient UI updates

EXTRA-CURRICULARS

- Led CodeChef Club as Club Head (2021 - 22)
- Led a sponsorship campaign for Battle of Bands(College fest) for about **80K**