VISHAL TRIVEDI

ANDROID DEVELOPER

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PROFILE SUMMARY

Experienced Android Developer with more than 6 years of expertise in Android development. Proficient in Java and Kotlin, creating impactful mobile applications. Notable achievements include leading a project that increased user engagement by 30% and another that enhanced application security, reducing vulnerability exploits by 50%.

EDUCATION

Master of Computer Application, Rajasthan Technical University	2015 - 2018
Bachelor of Computer Application, Rajasthan University	2013 - 2015

SKILLS

Programming Languages	Java, Kotlin
Database / Persistence	Shared Preferences, Room, SQLite
Structured Concurrency	Multithreading, Async Task, Coroutines, RxJava
Networking	Retrofit, OkHttp, WebSocket, RESTful APIs, JSON, MQTT.
UI/UX Design	XML (Linear Layout, Constraint Layout etc), Jetpack Compose
Architecture Patterns	MVC, MVP, MVVM
Design Patterns	Singleton, OOPs, Dependency Injection, SOLID Principles, Repository Pattern
Tools	Android Studio, Gradle, Android SDK, ADB, Postman, Firebase, Google Analytics.
Version Control	Git
Jetpack Component	ViewModel, LiveData, Flow, StateFlow, Work Manager, Data binding/View Binding
Hardware Integration	Sensor(Gyroscopes and Accelerometers), BLE (Bluetooth Low Energy), IoT
Security Practice	ProGuard/R8, AppCheck, SSL Pinning, HMAC, AES, BASE64
Third Party SDK	Gson, Stripe Payment, Checkout, Glide/Picasso, Facebook & Google Integration.
Others	Problem-Solving, Performance Tuning, Dagger 2, Hilt, Crashlytics, CI/CD.

EXPERIENCE

Senior Android Developer   November 2018 - Current
Pairroxz Technologies Pvt Ltd   *Jaipur, Rajasthan*

- Transformed design concepts and wireframes into high-quality, scalable, and maintainable code, ensuring seamless integration with app functionality.

- Dynamic features implemented in apps that increased user interaction by 20%.

- Worked closely with product management to translate business requirements into robust app functionalities.

- Collaborated with cross-functional teams to define and refine specifications for 10+ projects, ensuring alignment with business goals and resulting in an increase in project delivery efficiency 25%.

- Identified and corrected bottlenecks, fixed bugs, and improved application performance by 40%, resulting in improved app stability and user experience.

- Optimized application codebase, resulting in a 30% improvement in app performance and stability.

- Followed industry best practices in application development, maintained code quality, and conducted code reviews.

- Managed project timelines and coordinated with stakeholders to ensure timely delivery of three major updates to the app.

- Provided technical support and guidance during the rollout of app updates to ensure a seamless user experience.

PROJECTS

Express Buddy - Created an app for daily demand services, implementing complex UI components and efficient data management. (Try it here)

Yanabea (Water Delivery) - Developed a Kotlin-based app with advanced UI components and camera management for secure delivery services. (Try it here)

Wayz - Built an eco-friendly transportation app utilizing BLE and MQTT, featuring custom views and advanced data handling. (Try it here)

Catch - Designed an Android app for browsing restaurants and placing orders with enhanced UI and performance optimization. (Try it here)

Watch Together - Developed a video streaming app with real-time chat and advanced UI components using MVVM architecture. (Try it here)

CERTIFICATION

HackerRank - Problem Solving (Basic) Certificate - Data Structures (such as Arrays, Strings) and Algorithms (such as Sorting and Searching). (Show Credential)

HackerRank - Problem Solving (Intermediate) Certificate - Data Structures (such as HashMaps, Stacks and Queues) and Algorithms (such as Optimal Solutions). (Show Credential)