



Kalpesh Agravat

Senior Android Developer (Android Native)

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Profile

Senior Android Developer with **7.5+ years of experience** designing, developing, and maintaining **high-performance Android Native applications** using **Kotlin, Java, and Jetpack Compose**. Strong expertise in **MVVM/MVP/Clean Architecture, POS hardware integration, Fintech (EMI & Payments), Taxi Booking, IoT/BLE, and offline-first systems**. Proven track record of delivering **production-ready apps**, improving stability, mentoring developers, and driving scalable mobile solutions.

Professional Experience

09/2024 – 12/2025

AHMEDABAD

SilverSky Technology , Sr Mobile Application Developer

- Designed and maintained **10+ Android Native and React Native applications** across education, AI, enterprise, and consumer domains.
- Resolved **critical bugs and architectural blockers** in stalled projects, enabling successful production releases.
- Mentored junior developers on **clean code, MVVM architecture, debugging, and performance optimization**.
- Collaborated with product managers and designers to deliver **high-quality applications within tight timelines**.

01/2023 – 09/2024

AHMEDABAD

BRND TECH , Sr.Android Developer

- Managed development of **POS applications** using **MVP architecture** with multiple hardware integrations (printer, QR scanner, cash drawer, Mifare reader)
- Executed **secure payment workflows** and ensured stability across tablet and handheld POS devices
- Improved **Android TV digital signage app** running **24*7**, using **AlarmManager** to schedule ad rotations
- Prevented screen freeze **and unresponsive states**, ensuring long-running stability on Android TV devices

06/2020 – 11/2022


RAJKOT

TIS (Tech Integrity Service), Sr. Android Developer

- Developed and maintained **taxi booking and transportation applications** for **Android and iOS** in a **B2B model** serving **8+ enterprise clients**
- Designed a **single codebase strategy** using **Android build variants** and **iOS targets**, enabling brand-specific **UI, features, and payment gateways** for each customer
- Implemented **real-time driver tracking, booking management, coupons, ride history, background, and endless services**
- Improved **delivery speed, sales scalability, and development cost efficiency** by consolidating multiple client apps into a unified, configurable platform
- Directed development of **Wiyak and other similar rider app**, built from scratch with enhanced **UI/UX animations**, contributing to **70K+ Android installations**
- Develop **multi-flavor deployment, release management, and production stability**

08/2018 – 05/2020

RAJKOT

BMAC  , Android Developer

- Built a strong foundation in **core Android concepts** including activities, fragments, lifecycle management, and UI design, and progressed to **Kotlin-based development** with **MVVM architecture, AR features, Firebase, and REST API integration**.
- Developed **social media-style and utility applications** such as **Quote Maker**, along with **AR-based and location-driven applications**
- Contributed to **6+ Android Native apps** using **Kotlin**, gaining hands-on experience in end-to-end app development

Skills

Technical Skills

- **Programming Languages**
Kotlin, Java, SQL, JavaScript, TypeScript (basic), Swift (basic)
- **Android Development**
Android SDK, Jetpack Compose (Material 3), XML UI, Android Jetpack Libraries, Activity & Fragment Lifecycle, ViewModel, LiveData, Lifecycle Components
- **Architecture & Design Patterns**
MVVM, MVP, MVC, Clean Architecture, Repository Pattern
- **Libraries & Frameworks**
Hilt, Dagger, Retrofit, OkHttp, Room, DataStore, Kotlin Coroutines, Flow, Firebase (Auth, Firestore, Realtime Database, FCM), MQTT
- **Testing & Quality Assurance**
Unit Testing (JUnit), UI Testing (Espresso), Manual Testing, Debugging & Log Analysis
- **Crash Analytics & Monitoring**
Firebase Crashlytics, Google Analytics, Performance Monitoring, ANR Tracking
- **Background Processing & Performance**
WorkManager, Foreground Services, AlarmManager, Memory Management, Performance Optimization
- **Security & Data Protection**
Data Encryption & Decryption (AES), Secure Storage (Android Keystore), Secure API Communication (HTTPS, Token-Based Authentication), ProGuard / R8
- **Provisioning & Device Management**
Android Device Provisioning, QR-Based Enrollment, Device Admin / Android Enterprise (basic)
- **Cross-Platform Development**
React Native
- **Backend & APIs**
REST API Integration, Firebase Authentication, Firestore, Realtime Database
- **Payments & Hardware Integrations**
Razorpay, Stripe, In-App Purchases, Verifone, mPesa, TAP, POS Hardware Integration (Printers, QR Scanners, Cash Drawers, Mifare Readers)
- **Bug Tracking & Collaboration Tools**
JIRA, Bugzilla, Trello, ClickUp
- **Version Control & Development Tools**
Git, GitHub, GitLab, Sourcetree, Android Studio, Gradle
- **Additional Skills**
Offline-First Architecture, Push Notifications (FCM), Location Services, Google Maps, Google Directions API, Google Places API, Play Store Deployment, App Signing, Release Management, CI/CD (basic)

Education

2014 – 2018

Rajkot

Bachelor of Engineering (Computer Engineering),

SREZ Sanjaybhai Rajguru College of Engineering

CGPI: 7.04

Academic Projects (Brief)

- **Semi-Final Project:** *Natural Butey Care* – Website developed using **WordPress**
- **Final Year Project:** *E-Learning for Kids* – Android application focused on interactive learning

Projects

Edudus [↗](#), Smart Pen Digital Note App

Kotlin, MVP, Firebase, BLE, Offline Sync

- Developed a companion Android application for a **smart pen device** to digitally capture handwritten notes, sketches, and drawings
- Implemented **real-time data sync**, offline storage, and secure cloud backup
- Focused on **device communication stability, data accuracy, and performance optimization**
- Improved usability for students and educators by enabling easy **retrieval, sharing, and management** of digital notes

PictionUs [↗](#), Photo sharing platform, (Kotlin, Jetpack Compose, Hilt, Room, In-App Purchases)

Wedding photo-sharing app with QR/link-based access and real-time uploads

Wiyak Rider and Automak Driver, Taxi booking app, and other similar app

- Developed a comprehensive **taxi booking platform** supporting **city rides, hourly rentals, and long-distance outstation services**
- Applied **real-time driver tracking**, ride scheduling, coupons, delivery services, booking history, **Refer & Earn**, and digital receipts
- Consolidated **12+ similar applications into a single configurable codebase** using **Android product flavors** and **iOS targets**
- Enabled **brand-specific UI, features, and payment gateways**, significantly improving **delivery speed, scalability, and development cost efficiency**
- Led development of **Wiyak – A Story in Every Ride**, built from scratch with enhanced **UI/UX and animations**, reaching **70K+ Android installs**
- Improved and enhanced many features in **driver application** for booking and ride management, tracking
- Implemented **offline booking support** using endless/background services and **real-time distance and speed calculations**
- Mentored junior developers and assisted in implementing additional features and production-ready solutions
 - [WIYAK- A Story In Every Ride \(Android\) ↗](#)
 - [WIYAK-A Story In Every Ride\(IOS ↗ \)](#)
 - [GoGreen Cabs\(Android\) ↗](#)
 - [GoGreen Cabs\(IOS\) ↗](#)
 - [Leap Taxi ↗](#)
 - [GETCAB-Book Taxi & Auto ↗](#)
 - [Malvern Ride App \(IOS\) ↗](#)
 - [GoGreen Partner ↗](#)
 - [Leap Taxi Driver ↗](#)

Bazaar POS, HandPOS & Kiosk Systems, Sales Management System

Tech: Java, MVP Architecture, Android OS, POS Hardware, Payment Gateways

- Developed **three different POS solutions** tailored for retail environments:
- **Bazaar POS:** Dual-screen Android POS system for cashier-facing and customer-facing displays
- **HandPOS:** Handheld Android terminal with **built-in Verifone payment hardware** supporting card swipe and receipt printing
- **Kiosk System:** Large-screen Android-based self-service kiosk for customer-driven transactions
- Integrated multiple **POS hardware components** including **receipt printers, QR scanners, cash drawers, and Mifare card readers**
- Implemented **secure and reliable payment workflows**, including **credit/debit card processing via Verifone**, ensuring transaction safety

- Designed the systems to handle **high transaction volumes**, focusing on stability, fast response times, and error recovery
- Ensured smooth operation across **dual-screen, handheld, and kiosk devices** in real-world retail environments

Other Projects, Other Android Native Projects

- **Tydlig** – School management system (React Native) for schedules, timetables, and leave management
- **Escon Leads** – Builder & broker management app for lead and site tracking
- **Habito** [🔗](#) – Daily habit tracker and goal planner
- **Pocket Jury** [🔗](#) – Legal roleplay & debate app with time-bound arguments and live verdicts
- **Solo AI Chat App** – AI-powered chat app with offline and online messaging
- **Tuck** [🔗](#) – Instant cashback and gift card purchasing app
- **Surfair** – Flight management application
- **Ancient Origin** [🔗](#) : – History and archaeology content app
- **Flipkart Picking Process** – Internal warehouse logistics application
- **iFichier** [🔗](#) – Secure file storage Android app
- **NumberBook Lookup** – Caller identification and Arabic contact search app
- **Quote Maker** [🔗](#) – Social content app to create, read, and share quotes or poems with custom backgrounds, profiles, and user interactions
- **Story Byte** – Social reading and writing platform built using **MVVM**, featuring drafts, libraries, likes, comments, followers, and **Facebook / Google sign-in**
- **Impact Investment Services** – Finance-focused Android app providing **intraday stock tips**, market news, and **group chat**, powered by **Firebase Firestore**
- **Make 24** [🔗](#) – Mathematical puzzle game designed to improve numerical and logical thinking skills
- **Christmas Countdown & Photo Maker** [🔗](#) – Seasonal utility apps for countdown tracking and festive photo editing
- **MORO Cotton Calculator** [🔗](#) – Industry-specific calculator for cotton grading used by traders, exporters, and oil mills

FireNotes [🔗](#) , Offline-First Notes App

Tech: Kotlin, Jetpack Compose, Hilt, Room, Firebase

Kotlin Jetpack Compose (Material3) Hilt (DI) Room Database Firebase Authentication Firebase Realtime Database DataStore Preferences Coroutines & Flow

E-Store,

A complete e-commerce solution featuring product browsing, cart management, and checkout flow. This project is a modern Android e-commerce application built using **Kotlin** and **Jetpack Compose**. It follows clean architecture principles and utilizes the [FakeStore API](#) [🔗](#) to simulate a real-world shopping experience. **Project Github Link** [🔗](#) : <https://github.com/KalpeshAgravat/E-Store> [🔗](#)

Core Competencies

Good Learner | Most Innovative Technology | Teamwork/Collaboration | Strategy Planning | Team Leader | Responsible Decision-Making

Courses

The Complete Java Developer Course [🔗](#) , Udemy

This course provided a comprehensive introduction to Java programming, focusing on both foundational concepts and practical application development.

Declaration

I, Kalpesh Agravat, hereby declare that the information contained here in is true and correct to the best of my knowledge and belief.



Kalpesh Agravat