

Pankaj Kumar

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Summary

Android Developer with 1.5+ years of experience in designing and developing modern Android applications using **Kotlin, Java, and Jetpack Compose**. Experienced in building complete applications **from scratch**, following **MVVM architecture**, clean code principles, and best UI/UX practices.

Hands-on experience with **REST API integration, Firebase Authentication, Realtime Database, Room Database, Coroutines, StateFlow, and Jetpack Navigation**.

Exeperience

Multiv Tech Solution pvt | Gurgoan (Jan 2025 – Present)

- Worked as an **Android Developer** responsible for designing, developing, and maintaining Android applications.
- Developed application features using **Kotlin** and **Java**, following **MVVM** architecture and clean coding practices.
- Implemented **Jetpack components** including **ViewModel, LiveData/StateFlow, Navigation, and Room Database**.
- Integrated **REST APIs** to fetch and display dynamic data with proper loading and error handling.
- Built modern and responsive UI using **Jetpack Compose** and **XML** layouts.

Load Infotech solution pvt | Jaipur (July 2024 – jan 2025) [Intern]

- Completed a 6-month Android development internship focused on core Android fundamentals.
- Learned Android application development using **Java** and **XML**.
- Gained strong understanding of **Android lifecycle, activities, fragments, intents, and layouts**.
- Worked with **RecyclerView, CardView, adapters**, and custom UI components.
- Learned API integration basics and **JSON data** handling.

Projects

Clip2Concept [Project link](#)

Gurgoan 2025

- Developed an Android application that converts educational videos into structured study material for self-learning and interview preparation.
- Designed and implemented **MVVM architecture** to ensure clean code, scalability, and easy maintenance.
- Built modern and responsive UI using **Jetpack Compose (Material 3)**.
- Integrated **YouTube Data API** to fetch video metadata, thumbnails, and details.
- Implemented **Media3** for video playback with proper portrait and landscape handling.
- Developed AI-powered features to generate **summaries, key points, quizzes, and revision notes** from video content.
- Implemented a quiz module with question navigation, answer validation, scoring, and result tracking.
- Enabled users to create, edit, and save notes along with revision tracking.
- Implemented **PDF generation and download** functionality for offline access to study material.
- Used Kotlin **Coroutines** and **StateFlow** for asynchronous operations and state management.
- Implemented **Room Database** for offline storage of saved videos and learning content.
- Handled API states including **loading, success, error, and retry** to improve user experience.
- Optimized app performance and ensured smooth navigation across screens.

Maruti Suzuki Vendor Conference App (2025) [project link](#)

Gurgoan 2025

- Developed an Android application for the **Maruti Suzuki Vendor Conference 2025** to enable seamless communication between **vendors, speakers, and organizers**.
- Built a centralized platform to share **conference updates, schedules, announcements, and important information** with vendors in real time.
- Enabled interaction between **vendors and speakers** through structured event modules and information sharing.
- Implemented features to showcase **presentations, key discussions, awards, and recognitions** of top-performing suppliers.

QRCodeScanner [project link](#)

Gurgoan 2025

- Developed an Android **QR Code Scanner application** using **Kotlin**.
- Implemented **Machine Learning-based QR code scanning** to accurately detect and decode QR codes in real time.
- Used **camera integration** to scan QR codes efficiently with fast detection and low latency.
- Displayed scanned results instantly with support for **URLs, text, and other QR formats**.
- Handled camera permissions and lifecycle management for a smooth user experience.

Taginfofinder [project link](#)

Jaipur 2024

- Developed an Android application that extracts **video tags, metadata, and thumbnails** using a YouTube video URL or Shorts link.
- Implemented functionality to fetch and display **all available tags** to help creators improve **SEO and video discoverability**.
- Integrated **YouTube Data API** to retrieve video details such as **title, description, channel info, and thumbnails**.
- Designed a clean and user-friendly UI to display tags and video information in an organized format.
- Implemented **RecyclerView and CardView** for efficient tag listing and smooth scrolling performance.
- Added features to generate **short and long descriptions** suitable for app store and content publishing use cases.
- Implemented input validation to handle **invalid or unsupported URLs** gracefully.

Edufun [project link](#)

Jaipur 2024

- Developed an Android child learning application designed to help kids learn in a fun and interactive way.
- Implemented learning modules for **alphabets, colors, animals, birds**, and basic objects.
- Used **animated GIFs** to create an engaging and child-friendly learning experience.
- Integrated **audio/sound** effects (e.g., animal sounds) to improve audio-visual learning.
- Designed a simple and **colorful** UI suitable for young children.
- Ensured smooth navigation and easy **interaction** for kids.

Education

Dr. APJ Abdul kalam technical university

Btech in computer science and engineering
(CGPA = 8.2/10)

2020-2024

Skills

Programming Languages

- Kotlin
- Java

Android Development

- Android SDK
- Jetpack Compose
- XML Layouts
- Material Design / Material 3
- Activity & Fragment Lifecycle

Architecture & Patterns

- MVVM (Model–View–ViewModel)
- Clean Architecture
- Repository Pattern

API & Backend Integration

- REST APIs
- Retrofit
- JSON Parsing

Tools & Platforms

- Android Studio
- Git & GitHub
- Figma (UI reference / collaboration)
- Postman