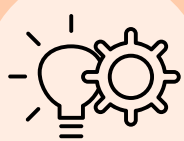# ANDROID DEVELOPER

Foundation in Programming

- Learn Java and Kotlin: Java has been the primary language for Android development for years, but Kotlin is now the preferred language. Learn both to have a solid foundation.
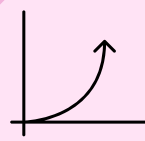
Android Development Basics

- Android Studio
- Android SDK
- XML

Simple Applications

- Create Basic Apps: Start with simple applications to understand the basics of Android development.

- User Interface (UI) and User Experience (UX): Study Material Design principles and implement them in your apps. Learn about themes, styles, and responsive design.
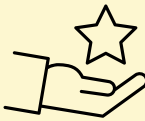
USER INTERFACE

STORAGE

- Data Storage: Learn how to store data in Android apps using SharedPreferences, SQLite databases, and Room persistence library.

- Networking: Understand how to make network requests using libraries like Retrofit, OkHttp, and Volley.

NETWORKING

CONCURRENCY

- Concurrency: Learn about threading and concurrency in Android. Use AsyncTask, Handler, and more advanced solutions like RxJava and Kotlin Coroutines.

- Architectural Patterns: Study and implement architectural patterns like MVC, MVP, and MVVM. Understand the importance of Clean Architecture.

ARCHITECTURE

TESTING & DEBUGGING

- Understand how to write unit tests, UI tests, and instrumented tests using frameworks like JUnit, Espresso, and Mockito.

- Google Play Store
- App Maintenance: Understand the importance of app maintenance, including bug fixing, performance optimization, and updates.

PUBLISHING & MAINTANANCE

ANDRIOD DEVELOPER

JAVA:-

https://youtu.be/eIrMbAQSU34?si=FsTUfl8oEbFXoR9d

KOTLIN:- https://youtu.be/xT8oP0wy-A0?si=UDcIvBgsLgrbUdqv

ANDROID DEVELOPMEMT BASICS:-

https://youtu.be/EknEIzswvC0?si=ymPARGqhqy5w-yDj

USER INTERFACE:- https://youtu.be/Z-BO6IYTgJg?si=BIz2twEj1wqS4-6H

STORAGE:-

https://youtu.be/UOWshLy6NNs?si=UemGGWEgcM72gpLJ

NETWORKING:-

https://youtu.be/oHQvWa6J8dU?si=LiezrXruQoZEdjIy

CONCURRENCY:- https://youtu.be/iTcq6L-PaDQ?si=h2HFIxHTympSN2Ny

ARCHITECTURE:-

https://youtu.be/TwXuY2w7Zv0?si=9fQvY2CH_m6d-13U

TESTING & DEBUBBING:-

https://youtu.be/5iGzpq6vm8E?si=rGiZ9ehc2u7mMTyq