

KAUSTUBH PATANGE

Android Developer, 📍 Mumbai, India

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EDUCATION

University of Mumbai

Computer Engineering

📅 August 2018 – Present

R.V Nerurkar Junior College

HSC - Science

📅 July 2016 - February 2018

Percentage - 87

SKILLS

Languages

C#, Kotlin, Java, Rust, Dart, Typescript, Python, pwsh

Frameworks

Android, .Net Core/Framework, Flutter, Node.js

Tools/VCS

Git, CI/CD, Gradle, Cargo

Other

Technical writing

PROJECTS

XClipper - Smart clipboard manager

(Website / Github)

- Clipboard manager for Windows & Android that helps to track clipboard activities and makes it easier to interact with them.
- It also helps to synchronize your clipboard between these two platforms.
- Developed with C# (WPF) for Windows app & Kotlin for Android app.

Moviesy - Client app for YTS

(Website / Github)

- An Android app to download & stream movies that are available as YTS torrents.
- Beautiful UI packed with lot of features including built-in torrent downloader, media player with chromecast support.
- Written with Kotlin following MVVM pattern.

Gear VPN - Fast, Free & Secure VPN

(Website / Github)

- A VPN app based on OpenVPN with one click connect & loads of servers to choose from.
- Written with Kotlin using Google's new declarative UI toolkit **Jetpack Compose**.

PROJECTS

Highlight Colors for Compose

(Website / Github)

- A plugin for IntelliJ based IDEs to draw color on editor's gutter represented by
`androidx.compose.ui.graphics.Color`

ADK - Android Reverse Engineering Kit

(Website)

- An IDE with complete suite of tools for reverse engineering Android apps, modifying custom ROMs, etc.
- This was my first big project I made when I was just starting to learn programming. Although the code is messy but it was big for me.
- Written with C# (Winform).

Others include Kling, aow, git-open, Iso2Usb, etc. on Github.

LIBRARIES

navigator - (Github)

A small (Kotlin first) navigation library for Android to ease the use of fragment transactions also available for Jetpack Compose for pure composable navigation.

AutoBindings - (Github)

A small annotation processing processing certain annotations that are mean to make Android development little bit easier by eliminating some boilerplate codes.

I usually spend my time developing general solutions to some of the specific problems I face, eg: ImageLoaderView, CWT, SwipeDismissImage, etc.

ARTICLES

Simplified Navigation in Jetpack Compose - (medium.com)

This is an opinionated article on how navigation should be handled in the Android app when using Jetpack Compose.

Automate your build & release with Github Actions - (medium.com)

How CI/CD can help you iterate & deploy faster with examples for Android & Rust?