

# KAUSTUBH PATANGE

Android Developer, 📍 Mumbai, India

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## EDUCATION

University of Mumbai

Computer Engineering

📅 August 2018 – July 2022

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) type-safe 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.

## EXPERIENCE

Indie Developer

Self employed

📅 May 2019 - Present

Developing, maintaining my commercial applications published on Google Play & other stores.

Android Developer

Freelance

📅 June 2019 - March 2020

Worked with several startups & did some contract work where I was responsible for making good quality products for my clients using the latest engineering best practices & idoms.