

# FLUTTER: INSIDE OUT



March 14,  
05:00- 06:30 PM



Live  
Session



Speaker

**Nikki Goel**

Flutter Developer



Google Developer Student Clubs  
Dronacharya College of Engineering

# Agenda

## Flutter: Inside Out

- About the Speaker
- What is Flutter
- Why use Flutter
- Alternatives for Flutter
- Why not Flutter
- Live Coding
- Career in Flutter
- Flutter Community and Resources
- QnA





# About Me

- Mobile App Developer: [Flutter Framework](#)
- Technical Blogger: Over **50k+** impressions
- Open Source Projects Contributor
- Published mobile apps from scratch to Play Store and App Store in the INDIA, USA and CANADA market.



[nikkigoel.com](http://nikkigoel.com)



@NikkiGoel8



**Nikki Goel**

# Flutter

## Multi-Platform Framework

- Open-source, created by Google
- Powered by Dart programming language
- What is built using Flutter?
  - **BMW** vehicle companion app
  - **Google Pay** app
  - **Google Classroom**
  - **PUBG** Mobile



<https://flutter.dev/>

<https://dart.dev/>

# Why Flutter

- Beginner friendly
  - Easy to setup
  - Dart is similar to JS, Java, C type syntax
  - Excellent documentation
- One codebase for all platforms
- Growing community
- UI Toolkit



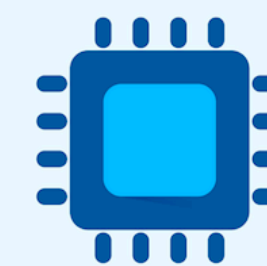
Mobile



Web



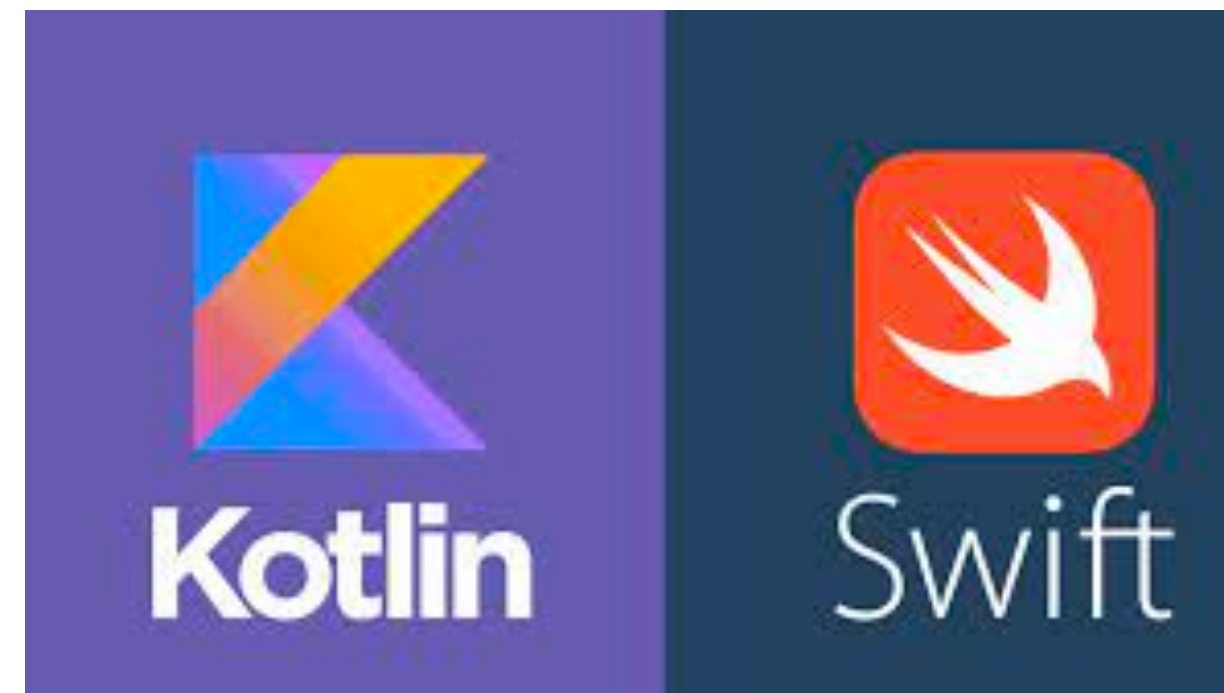
Desktop



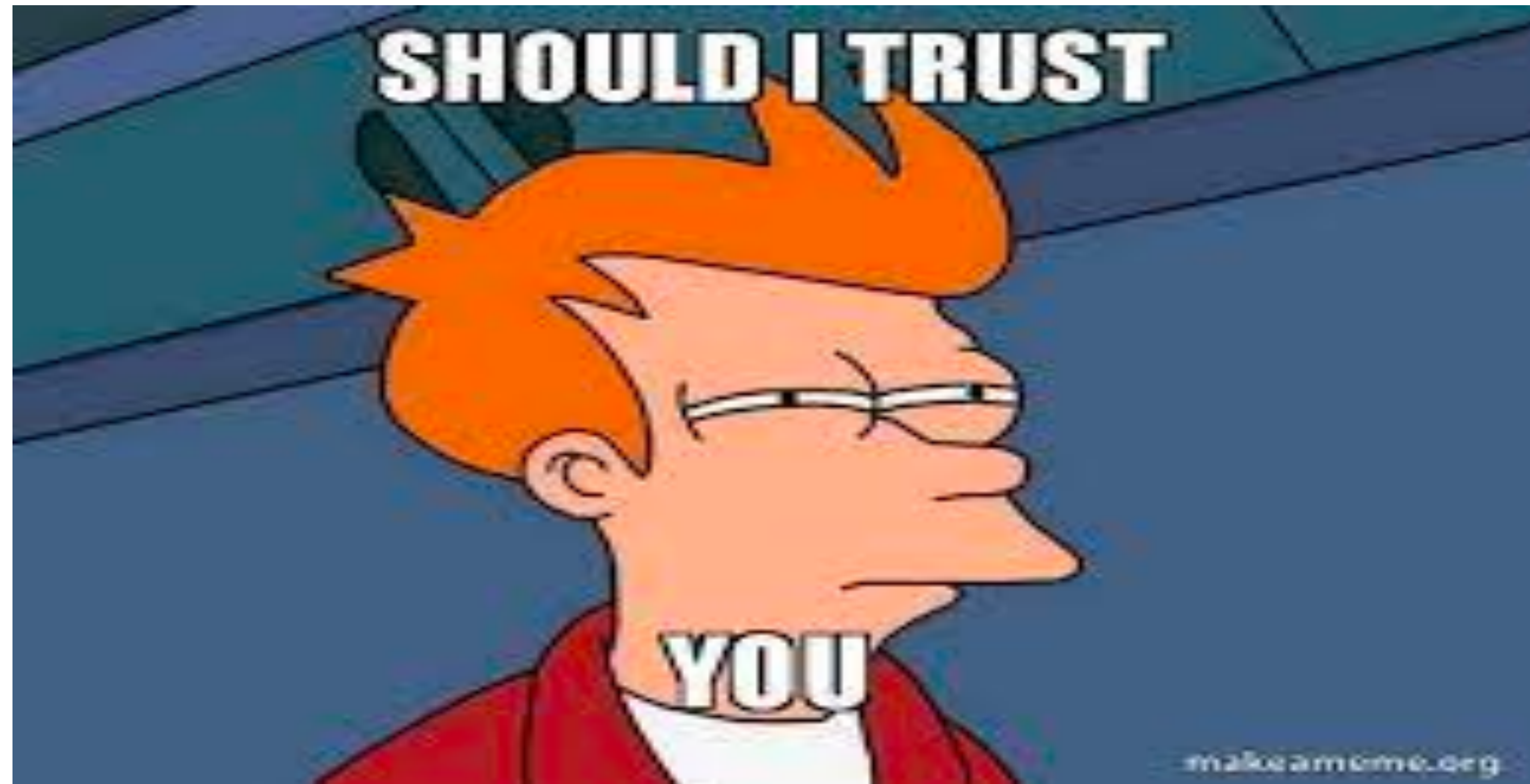
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# Alternatives

For Mobile Apps







# Why not Flutter

- Content heavy website
- Highly dependent on the native/hardware features like camera, bluetooth, audio, etc.
- Can get messy very quickly if not well structured.

to properly index. For web content that is static or document-like, we recommend using HTML—just like we do on [flutter.dev](https://flutter.dev), [dart.dev](https://dart.dev), and [pub.dev](https://pub.dev). You should also consider separating your primary application experience—created in Flutter—from your landing page, marketing content, and help content—created using search-engine optimized HTML.

The screenshot shows the pub.dev search results for the query 'sdk:flutter video'. The page has a dark theme. On the left, there are filters for Platforms (Android, iOS, Linux, macOS, Web, Windows), SDKs (Dart, Flutter), License, and Advanced options (Flutter Favorite, Include unlisted). The main content area shows three search results. The first result is 'video', a Flutter package for video processing, with 2 likes, 90 pub points, and 65% popularity. The second result is 'video\_player', a Flutter plugin for displaying inline video, with 2243 likes, 140 pub points, and 100% popularity. The third result is 'video\_compress', a light library of video manipulation, with 430 likes, 140 pub points, and 98% popularity. The search bar at the top contains the query 'sdk:flutter video'.

Package Name	Likes	Pub Points	Popularity
video	2	90	65%
video_player	2243	140	100%
video_compress	430	140	98%



# Live Coding

**Let's get our hands dirty**



# Career in Flutter

- How I started?
- Get done with fundamentals
- Learn with everyone!
- Build project(s), contribute open source projects, build startups
- Never stop learning
- Search for companies
- Apply for internships



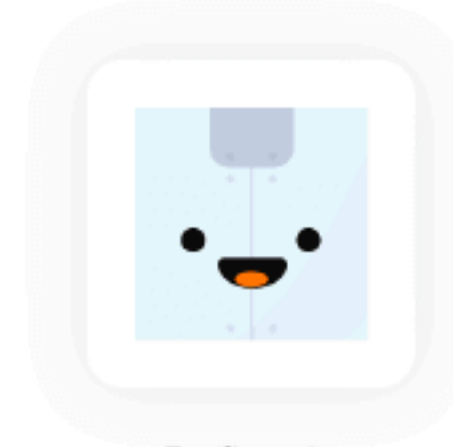
Google Ads



Alibaba



Hamilton Musical



Reflectly



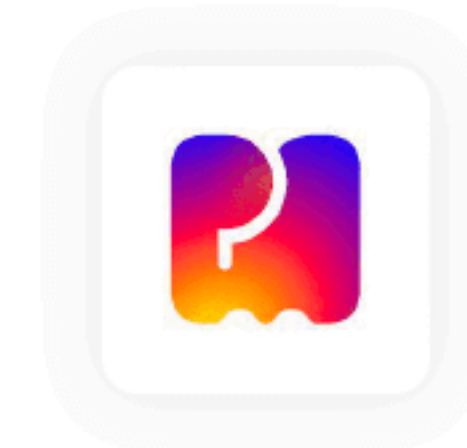
Hookle



Watermaniac



SpaceX Go!



PostMuse



Cryptograph



SG BusTracker



Bitfolio



AppTree



# Flutter Community

Stay upto date

- Discord
- Conferences
- Newsletter
- YouTube



<https://flutter.dev/community>

**THANK YOU FOR LISTENING**



**ANY QUESTIONS?**