Flutter Development

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Advantages of Flutter :

1. It is simply a tool kit for designing beautiful designs on different Screens
2. You can develop Both IOS and Android Apps
3. It is being Developed for both Desktop and Web for now it is in beta (one codebase to rule them all)
4. It contains many pre-built widgets
5. It almost provides native Performance
6. It is very easy to create and provide functionality
7. It uses dart language which is very simple
8. Hot reload makes compile time instantly
9. As Flutter is open source you can see all their source code of all their widgets and can modify them as per your need

Challenges for a Developer :

1.Different Devices have different aspect ratios

2.Learning Different Languages

3.Maintaing Different Code Bases becomes messy

4.Compile time of the native apps is long

Anatomy of Flutter App :

* Everything inside a flutter app is a widget
* Scaffold is parent widget which is a blank screen for our app
* You build your apps layer upon layer with widgets upon widgets

Tips to Learn Coding Better :

* Do not follow code-along
* Instead watch and observe what is going on and then replicate what happened, Take ten minutes intervals
* Practice Type faster in [www.keybr.com](http://www.keybr.com)
* Cornell Note Taking System
* Don’t skip any modules In between as it makes other modules harder to catch up.
* Book Marking the harder module and come back practice again and again
* Getting stuck is common but getting back up and solving the problem gives you the best feeling
* When you got stuck check stackoverflow and google
* Struggle is good , It is through the struggles you improve