# Flutter In Action: Flutter in Action

*Posted by Khushboo Uchat Jan 13, 2021*

The technology is evolving every day and we are not untouched.  Being engineers we have more expectation from the technology than an average person especially when it comes to mobile apps.  We want our mobile apps to work with the speed of light and look fascinating as well as be cheap and cross platform. Basically we want all the awesome features in one bucket. Do you think it is possible ? Take a pause and think for few seconds.

I know you have multiple arguments and answers to my question which ranges from *'Nothing is impossible'* to *having personal bot (may be one day !!!)* than mobile to end the argument of apps. So let's end the suspense and give you the single answer to all the above features. **FLUTTER** or should I say **GOOGLE'S FLUTTER** (sound like mamma's boy !!). **It is software development toolkit for mobile application programming.**

Flutter's future looks promising. May be in 2023 or onwards, it will become popular and it will be giving tough competition to React Native in the same way React became popular and winning over Angular at quite lots of places. There are multiple reasons to my belief about above statement.

- POPULAR : first reason is already visible in the name GOOGLE'S FLUTTER. When google's name is attached with any technology, it is quite popular and it has great community support. Solving issues related to that technology is quite easy as lots of people will be able to help you and contribute in their own way as they might had the same issue in the past.

- STABLE: Since Dec 2018 after the first release it is quite rare that any breaking changes are done in APIS. Mostly the stable code is released and experimental releases are very less.

- RESOURCES AND LEARNING: It is well documented when it comes to learning and you will find lots of material which can help you learn easily again thanks to Google.

- GOOGLE'S CHILD:  You must be thinking that I am coming back to Google again but as we know that Google controls the **Android** whose share is **72.48%** in mobile community. Flutter is developed using DART again the language developed by Google. So if you connect all the dots then you can count on the possibility that in future flutter and dart can be integrated officially with Android to access native APIs.

- APP CENTRIC & CROSS PLATFORM : Flutter has support for only one language DART. It seems like a limitation but as per human psychology when you have less options, you can focus more on solution. So here you dont have to think about platform but only about solution. Also Flutter is on its way to introduce support for all the platforms like Linux, Windows and MacOS. Android and iOS is already supported by Flutter.

You might be thinking that I am biased towards Flutter and mentioning all the positive things only. But let me tell you I have also looked at the negative features and I don't have much to say. Here is all the cons I can think of

- Flutter and Dart is strongly bound to each other so changes in one's strategy of development or other uncounted factors affect other one very strongly. It can be good or bad.
- Dart was looked as the replacement of JS by lots of people but somehow it is falling short to reach there though it has marked its presence and evolving in a different direction like Swift for eg. So until Flutter has tight coupling to Dart, it might become the roadblock to take over existing competitors like React Native.

**In UBS**, we are mostly focused on web but if anywhere if you feel the need to develop mobile app then Flutter can be the option to think. It offers great flexibility when it comes to plugin development rather than dumping all the features in one app which might not be the case every time. Also being part of CTO and very keen on technologies, I would love to see flutter being used in UBS as one of the platform of development.

So what do you think about the Flutter ? Do you think Dart can be the replacement of JS ?

I would love to know your thoughts in comments.
61 Views  Tags: #technology, ui-mobile, #ui

Khushboo Uchat *in response to Bagavatheeswaran Gopalakrishnan on page 2*
Jan 15, 2021 11:00 AM
Bagavatheeswaran Gopalakrishnan..  Surely I will write on it.

Bagavatheeswaran Gopalakrishnan
Jan 15, 2021 10:40 AM
Good article. How about a primer post on Flutter, and a comparison with other toolkits.

Khushboo Uchat *in response to Puneet Vyas on page 2*
Jan 14, 2021 3:25 PM
Thank you Puneet Vyas. I am very excited to collaborate and looking forward to extend my boundaries

Puneet Vyas
Jan 14, 2021 11:01 AM
Nice article Khushboo! This is a fast moving space and good to hear your thoughts. Tagging Nagaraj Bhat and Sagar Dhemre as I recall some work was being done in mobile UI by them.