



Javascript Frameworks Are they really necessary? Under what circumstances is it better to use them or not?

Frameworks is an application framework written in JavaScript. A developer does not call a framework; instead, the framework calls and uses the code in some particular way. Some JavaScript frameworks follow the model-view-controller paradigm designed to segregate a web application into orthogonal units to improve code quality and maintenance. Through this, programmers can manipulate the functions and use them for their convenience.

These frameworks are adaptable for website design, and it's a type of tool that makes working with JavaScript easier and smoother. Responsiveness is another reason why JavaScript frameworks are quite popular when it comes to the issue of using a high-level machine language.

Here are some of the examples of JavaScript frameworks that are trending this year 2020:

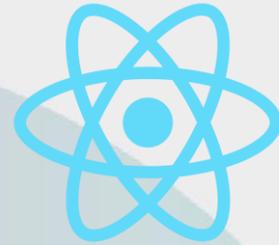
1. Angular

Google operates this framework. Some of the features of this framework are: *cross-platform, speed and performance, productivity, full development history.*



2. React

This was created by Facebook. It makes use of a virtual DOM, so integrating it with any application is easier. Here are some of the features: declarative, virtual DOM, event handling, JSX, performance, react native, component-based.



3. View.js

This is proper JavaScript, developed in 2016. It is one of the most reliable platforms, its dual integration mode is one of the most attractive features to create high-end single-page applications or SPA. The features of this are: virtual DOM, data binding, CSS transitions and animations, template, methods, complexity.



The best circumstances for using JavaScript frameworks are:

- When the app is large, because it brings great support from the community and will help you provide a lot of learning material that managed to create a long-term support app.
- Use it as open source, because everyone can use it as they wish as long as the license allows it.
- They offer many tools that make it easy for the developer to test new features in shorter times.

Under what circumstances it is best not to use JavaScript frameworks are:

- If your application is small it is better not to use it, because these do not suit all projects and you can make unnecessary use of the frameworks.
- You have to know how to choose the framework well for your application or web, otherwise it won't do you much good.
- The fact that frameworks are designed to work in many different environments in some cases can be unnecessary and carries a slowness and weight added to our code.

- The relevance of a framework is subject to fashion, it's easy to go from being the most used to a redoubt from the past in just one year.

You have to take it the time you have to develop it. Since a framework will make things easier and will certainly speed up the process because it offers you a good code structure. Without a doubt it is the most suitable option if you are working on a great project. But if you have noticed that for the type of projects you usually develop you do not need all the functions offered by a framework, but you like the advantages that it has, then you can opt for a lightweight framework. This way, you get the benefits of a framework without the weight of the files being greater.

