**JavaScript frameworks for Frontend development**

*Report by Jordan Radushev*

As web development field of programming evolves rapidly nowadays, we as a programmer are able to choose between a vast variety of tools, coding languages, frameworks, etc. Essential subfield in web development is the frontend development which is responsible for the UI of every application.

**What are JavaScript frameworks used for?**

Very popular nowadays are the so-called Single Page-like applications, which use mainly JavaScript and its frameworks to be built and deployed in real world projects.

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**Which JavaScript framework to choose?**

My detailed research led me to the conclusion that there are tons of libraries and frameworks whose help you can build the UI for your project with. As they are too many to make a comparison between all of them, I will compare top 3 of them:

**Which factors was important for me?**

Starting from my knowledge in **JavaScript** and **JQuery**, there were several factors, based on my experience, which I considered important by choosing which JavaScript framework to learn first:

* Difficulty of learning
* Online community
* Amount of learning materials (books, tutorials, online courses)

*Difficulty of learning:*

* At the very beginning I wanted to see a snippet of code of the 3 frameworks. **Vue** was a bit unclear, while **Angular** seemed very difficult to me at first. **React** looked familiar to me, although I found articles claiming that **Vue** is the easiest to learn out of this 3.

*Online community:*

* Chart

  Description automatically generatedAccording to some articles and experts who I personally asked – **React** is the JS framework with the largest community on the internet, while **Vue** is more in-demand last year.

*Learning materials:*

* No matter which one you choose, there are tons of tutorials, books, descriptions, etc. which can help you learning whichever you want.

\*\*For this report I used 2 techniques, since the topic required from me to choose a particular framework to learn compared to another two options.

*Library method:*

* Considering the fact, that I have previous knowledge of JS, choosing a concrete framework is important, so I will gain more specific knowledge in the front-end field, and more specific – Single Page Apps with JS Frameworks. I did my research.

*Talk with an expert:*

* I asked people with more experience in the field to give me slight directions where to move next. All of them claimed that it does not actually matter which framework you choose. I have been advised to choose one, **React** was preferable due to its big online community, and to learn the fundamental principles of building UI.

Sources of information:

1. <https://rubygarage.org/blog/best-javascript-frameworks-for-front-end> - Article
2. <https://www.codeinwp.com/blog/angular-vs-vue-vs-react/> - Article