Essential JavaScript Frameworks for Full stack Developers in 2021

In today's world, just knowing JavaScript is not enough, and a good knowledge of various frameworks (frontend, backend, mobile) is very important.

Best JavaScript Frameworks for Full Stack Developer

In this article, I have shared 6 useful JavaScript frameworks related to front-end development, mobile app development, and **web development** in general. You can learn these frameworks to become a truly full-stack JavaScript developer.

1. **React**

React is another JavaScript library or framework for building user interfaces. It's like Angular but maintained by Facebook, Instagram, and a community of individual developers and corporations. It allows web developers to create large web applications that can change over time without reloading the page.
The web development world is divided between Angular and React and it's up to you what you choose. Most of the time, it's dictated by circumstances; for example, if you are working on a React-based project, then obviously, you need to learn React.

2. **Node.js**

There is no doubt that JavaScript is the #1 programming language and Node.js has a big part to play in that.
Traditionally, JavaScript is used as a client-side scripting language, where it is used with HTML to provide dynamic behavior on the client side. It runs on the web browser, but Node.js allows you to run JavaScript on the server-side.
Node.js is an open-source, cross-platform JavaScript run-time environment for executing JavaScript code server-side. You can use Node.js to create dynamic web pages on the server side before you send them to the client.

3. **Bootstrap**

This is another popular open-source, front-end web framework for designing websites and web applications. Initially brought to us by Twitter, Bootstrap provides HTML and CSS-based design templates for typography, forms, buttons, navigation, and other interface components, as well as optional JavaScript extensions.

Bootstrap supports responsive web design, which means the layout of web pages adjusts dynamically depending upon the browser's screen size.

In the world of mobile, Bootstrap is leading the way with its mobile-first design philosophy, emphasizing a responsive design by default.

4. **jQuery**

This is another JavaScript library that rules the world. jQuery has been my favorite for a long time and I advise every developer to learn jQuery. It makes client-side scripting really easy. You can do animation, send HTTP requests, reload pages, and perform client-side validation by writing just a couple of lines of code.

5. **Angular**

This is another JavaScript framework, which is on my list of things to learn in 2021. It provides a completely client-side solution. You can use Angular to create dynamic web pages on the client side.

It provides declarative templates, dependency injection, end-to-end tooling, and integrated best practices to solve common development challenges on the client side.

Since it's a JavaScript library, you can include this on your HTML page using the <script> tag. It extends HTML attributes with Directives and binds data to HTML using Expressions.

6. **React Native**

If you are looking for a decent JavaScript framework for developing native cross-platform mobile apps, then you must check out React Native. It uses React and JavaScript for producing high-quality native mobile apps.

It's the right choice for all web developers who wants to become a **mobile app developer** and already familiar with technologies like JavaScript and React. If you are one of them, then I suggest you learn React Native in 2021.