**Top five UI technologies**

**1) vue.js Front-end Development Tools**

Vue.js is a JavaScript library for building web interfaces. Combining with some other tools It also becomes a “framework”. Presently it has over 156K Github stars and left many other top front-end development tools behind. It was first released in 2013. In the last 4-5 years, the progress is significant.

### 2) [Angular](https://www.valuecoders.com/blog/goto/https:/angular.io/)

Being a Google product, Angular is counted as one of the top front-end development tools for years. With the rapid release of its versions Angular is now much improved and an established name in the web industry. In October 2019, Angular released its 8th version and Angular 9 is expected to launch May 2020. It has 56.6K stars on Github with a huge community of [Angular Developers](https://www.valuecoders.com/hire-developers/hire-angularjs-developers) for support.

### 3) [Npm](https://www.valuecoders.com/blog/goto/https:/www.npmjs.com/)

Npm is the Node package manager for JavaScript. It helps [NodeJS Developers](https://www.valuecoders.com/hire-developers/hire-nodejs-developers) to discover packages of reusable code and assemble them in powerful new ways. This is one of the most used front-end development tools used as a command-line utility for interacting with a said repository that aids in the package. NPM has 15448 stars on GitHub and has many worthy features to go for.

### 4) [Tensorflow](https://www.valuecoders.com/blog/goto/https:/www.typescriptlang.org/)

### TensorFlow is Google Brain’s second-generation system. Version 1.0.0 was released on February 11, 2017. While the reference implementation runs on single devices, TensorFlow can run on multiple CPUs and GPUs (with optional CUDA and SYCL extensions for general-purpose computing on graphics processing units). TensorFlow is available on 64-bit Linux, macOS, windows.

### 5) jQuery

### jQuery is a lightweight, "write less, do more", JavaScript library. The purpose of jQuery is to make it much easier to use JavaScript on your website. jQuery takes a lot of common tasks that require many lines of JavaScript code to accomplish, and wraps them into methods that you can call with a single line of code.

### Top five back end technologies

**1. Node.js**

If you are just starting out, I strongly recommend [beginning with Node.js](https://nodejs.org/en/). It is incredibly lightweight and fast, allows for a massive (but predictable) concurrency, and boasts a vast ecosystem of libraries. Speed is a compelling reason to pick Node over your other options. It is slightly faster than PHP or Ruby, and more than twice as fast as Java.

**2. Django**

### [The good thing about Django](https://www.djangoproject.com/start/) is that you can use the same front-end framework to also build a back end. Django gives you a lot of power with its underlying Django ORM (Object-Relational Mapping) tool, and gives you tools for building your own back end.

**3. Express.js**

Developers may choose to build with Node.js or with Node.js plus some other runtime such as [Express.js](https://expressjs.com/). In this example, the Express.js server application will run on a Node.js server**.**

**4. Spring.js**

What [Spring.js does so well](https://spring.js.org/) is plugging new technology into your existing application. By doing this, spring can help you extend the app in a simple and maintainable way.

**5. .NET Core**

[.NET Core](https://dotnet.microsoft.com/download/dotnet-core) is a cross-platform version of the .NET framework for building apps that run on Linux, Mac, OS and Windows. .NET Core delivers a runtime lightweight, single-page application framework and a platform for hosting side-by-side applications.

**Top five database technologies**

**1.** [**MySQL**](https://www.mysql.com/)

MySQL has been at the top of the popularity ranking for several years. Why? It’s free, works for most applications, and runs on most popular platforms, including Linux, Windows, and Mac, OS.

**2.** [**PostgreSQL**](https://www.postgresql.org/)

PostgreSQL is free, open-source, and will work in all possible situations and on all platforms. It has a very dynamic community of users who help develop the project and write their own plugins and extensions.

**3.**[**Microsoft SQL Server**](https://www.microsoft.com/en-us/sql-server/sql-server-downloads)

This is a Microsoft product, established in 1989 and constantly developed since. This is a Microsoft product, established in 1989 and constantly developed since. it’s good to know that although the commercial paid version is commonly used, there are free versions

**4.**[**SQLite**](https://www.sqlite.org/index.html)

This great solution is gaining popularity. It’s free to use and available under an open-source license. Even the SQLite source code is in the public domain. SQLite is most often chosen by mobile app developers. The database content is stored in one file (up to 140 TB).

**5.**[**MongoDB**](https://www.mongodb.com/)

MongoDB is the only solution in the top five that is not based on a relational database. In this open-source offering, data is stored in JSON or BSON (Binary JSON) files. If you've worked with classic relational databases, MongoDB may seem a bit strange.