HOW TO BECOME A
BACK-END DEVELOPER

HTML5

These are the building blocks of any web page. You are going to use it everywhere, so this is a must. Think of it as a skeleton in human body. It holds everything together.

CSS3

This is the styles, the makeup, the shiny stuff. Although you might think it's not a relevant thing, but you are wrong. This is what's attracting the users and keeps them on the website. As one smart man said "Design is how it works."

LANGUAGES

In my opinion these three are the best programming languages for web-based apps. Node JS is great for APIs, ~30% of the websites on the web are built with PHP, and Python is a great choice if you are doing some machine learning application.

FRAMEWORKS

After you've mastered one of the languages above you can move on to some of the server-side frameworks. Here I've listed three best in my opinion for languages mentioned above. But it's important to learn the language first then move on to the framework.

Express

django

GIT

Who's the elephant that's going to remember all that and keep track of all your changes? This guy! You need some tool to manage all that code. Good code is like a nice movie scene, so you want to rewind to it, after a bad one, well GIT is the magic remote!

DATABASES

All data is being stored in the database. For that part you have a lot of options because many languages can work with many databases. As before I've listed my favorite three. But you need to know that there are SQL and non SQL databases. MongoDB is non SQL while the other two are.

TOOLS

You are going to be web artisans, so better master your tools. There are packages for every language that can speed up your development process. And you should use them. These are the best in my opinion. Composer is great for PHP and NPM or Yarn are great for JS applications.

npm

JSON, JS

Whether you are going to use JS on the backend or not, my opinion is that you should know the basics. You need to know JSON and how AJAX requests are working. That will complete your knowledge and it's going to make your collaboration easier with frontend developers.

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For more details, you may visit www.djolecodes.com.