How to become a Full Stack Web Developer

If you want to become a full stack developer, you need to know HTML, CSS, JavaScript along with a backend but making the right choice in an era where there are a lot of options creates a lot of confusion for newbie developers.

The Bucket Technique

As a part of this technique, we will study each technology just enough to start building sites. My breakdown for frontend and backend development is as follows:

FrontEnd Development:

➔ 80% HTML
➔ 60% CSS
➔ 50% JavaScript
➔ 20% Database (Insert, Update, Delete)

After you finish learning all these technologies, you will be able to build good designs but it is not possible to build a stunning website without graphic designing skills. You need to either be a good designer or refer to some design which is good enough for your site to look amazing!
For that you can either refer to some websites which are already built by great designers or work on your own design before you get your hands dirty with coding!

BackEnd Development

I recommend following options from a huge list of available options with **pros** and **cons**:
1. PHP - **Easy to learn, best for beginners, limited support of libraries**
2. NodeJs - **JavaScript which you already know from frontend, Difficult to learn JavaScript concepts like callbacks are used**
3. Django/Flask (Python based backend Frameworks) - **Includes ORM, great set of python libraries, need to learn python**

Not recommended for beginners

1. Frontend frameworks like react, vue, angular
2. Third party JavaScript, CSS frameworks
3. Website builders

Don't get me wrong here. JavaScript frameworks are amazing but if you want to be a successful web developer, you need to master HTML, CSS, JavaScript first

Resources to Learn Web Development

1. HTML in one video (CodeWithHarry)
2. HTML Cheatsheet (https://htmlcheatsheet.com/)
3. Complete Web Development Course (CodeWithHarry)
4. CodePen Search (CodePen)
5. Php Tutorial (CodeWithHarry)
6. Projects Using HTML, CSS, JavaScript (CodeWithHarry)

Tools every Web Developer should know about

➔ UX wing for Icons
➔ PixaBay for free Images
➔ FreeHTML5 for free templates
➔ UnSplash for Image API
➔ Json Placeholder for fake Online REST API
➔ More resources are available on this GitHub Repository