**Roadmap to Become a Pro in MERN Stack Development -** [75Way Technologies](https://medium.com/@75waytechnologies?source=post_page-----a12162959b5e--------------------------------) May 23, 2022

Everything is new for you if you’re a newbie in the tech world. But one thing you are sure about is becoming a MERN stack developer. Today, [**MERN stack development**](https://75way.com/services/web-development-services.php) is a lucrative career that opens several doors of opportunities. But do you know the roadmap to becoming a [**MERN stack developer**](https://75way.com/services/web-app-development-services.php)? What are the technologies you should learn at the tip, and in what order? So many questions might be hitting your mind, and you definitely want the answer to all. Right? Well, this guide got you covered.

In this blog post, we have rounded up about mastering this technology and becoming a skilled MERN stack developer. So, what are you waiting for? Why not take a tour of this guide?

Let’s start.

**Follow These Steps to Become a MERN Stack Developer**

Becoming a MERN stack might sound tedious at first as this stack holds so many components that it is difficult to learn. But taking small steps helps achieve big goals. All you have to do is follow the following steps, and you will surely become the best MERN stack developer.

**Step 1: Learn the Basic Languages of Front End Web Development**

The first and foremost step to becoming a MERN developer is to master the foundational languages of front-end development- HTML, CSS, and JavaScript. You can learn these languages simply from their official website, or you can check out the guides and video tutorials or sign up for the online classes. Let’s delve more into why these languages are important.

* **HTML:**First is HTML (Hypertext Markup Language), the standard markup language developed to create documents and display them on a web browser.
* **CSS:**HTML is assisted by CSS (Cascading Style Sheets), which is a style sheet language used to style the text, button, color, and tables of a website and also the structure of its pages. CSS allows web pages to adapt to different types of devices of various sizes.
* **JavaScript:**JavaScript is a text-based programming language that basically turns static HTML web pages into interactive web pages by updating content, controlling media, and everything on the web page.

**Step 2: Learn How to Use Front End Tools**

Once you become an expert in the front-end language — HTML, CSS, and JavaScript, the next step is to focus on essential front-end tools. Such tools speed up your programming.

A few most useful front-end tools you should know about-

* **Git**

Managing the changes in the code and bringing the document to its previous state if any error is made is super-easy with Git. It’s an open-source version control system that is far better and quite popular than other systems in the market. Today, many developers find Git a perfect front-end tool because it is fast, free, and scalable. Another thing that makes developers count on this tool is that it allows a team of programmers to work together on the same code without overriding each other’s changes.

* **Visual Studio (VS) Code**

Visual Studio is a free, open-source code editor that one can use on Windows, macOS, and Linux platforms. Created by Microsoft in 2015, this code editor is one of the essential front-end tools that is also popular for its flexibility, streamlines, and feature-rich nature. It simplifies the coding to a good extent and eliminates potential errors through smart code completion, built-in debugging, and syntax highlighting. Web developers worldwide appreciate this tool as it allows them to use it with a variety of programming languages and add extensions to customize the application.

* **Bootstrap**

The next on our list is a UI tool created by Twitter in 2011- Bootstrap. It is an open-source CSS-based framework with optional JavaScript templates that makes it easy for programmers to design and customize responsive websites. It is a flexible and easy-to-use go-to framework that developers use to create the website’s basic structure.

* **Sass**

CSS is used to structure the website and style its elements. But the repetitive and time-consuming nature of CSS is always a reason to worry. But Sass resolved this issue, simplifying styling a website and reducing the repetition to a huge extent. First released in 2016, Sass is still popular for the features it adds to CSS. From variables to imports, inheritance to nested rules, and built-in functions to mixins, all these features make Sass a powerful CSS preprocessor on the market.

**Step 3: Learn the Website Design Basics**

After becoming a pro in using the front-end web development tools, the next step is learning the basics of website design. It is crucial to be aware of the design aspect of website development that involves enhancing the website look using various colors, fonts, and layouts. Besides this, the primary goal of website design is to create an engaging, aesthetically appealing, responsive, and user-friendly website. The website should be as good so that the users are more willing to remain on the website longer.

**Step 4: Learn How to Use React**

The next thing you should do to become a MERN stack developer is learn how to use React. It’s an open-source front-end library created by programmers of Facebook. You can learn about React from various online resources. You can get the complete information about it on its official website, where you’ll find the documentation for React as well as a tutorial that will help you learn more about library use and its features. There is also an abundance of videos available on YouTube you can watch to learn about React.

**Step 5: Learn the Backend Portion of the MERN Stack**

The next easy step to becoming a [**MERN stack pro**](https://75way.com/technologies/mern-stack-development-services.php) is to learn the backend portion of the MERN stack. Shift your focus to the entire MERN stack backend components that include Node.js, Express.js, and MongoDB. Why not take a look at these technologies and what they do?

* **Node.js**

First is Node.js, an open-source JavaScript runtime environment built on Chrome’s V8 engine used in backend development. When you start utilizing your [**Node.js skills**](https://75way.com/technologies/nodejs-development-services.php) in projects, you can also take your learning a step ahead by learning how to use Node Package Manager (NPM). This NPM tool simplifies managing multiple code versions and resolving dependency conflicts between various code packages.

* **Express.js**

Another Node.js component you should be aware of is [**Express.js**.](https://75way.com/technologies/express-js-development-services.php) It’s a backend framework that works inside Node.js to design and build single, multiple-page, and hybrid web apps. Express.js is one of the most popular backend frameworks nowadays that many programmers prefer because it makes routing easy and helps organize web apps on the server-side into a more manageable MVC architecture.

* **MongoDB**

A document-oriented NoSQL database program, [**MongoDB**](https://75way.com/technologies/mongodb-development-services.php) is quite popular for being flexible, scalable, and easy to use. It has the capacity for high-volume data storage. Not only this, but drivers are also available in a number of languages. Developers or programmers choose MongoDB as it provides them with powerful ways to access and analyze data.

**Step 6: Keep Practicing and Refine Your Skills**

This is it. Once you follow the above-mentioned steps and learn essential skills, becoming a MERN stack developer will become an easy journey for you. The last and final step is to keep practicing, refine your skills, and gain the confidence to lead the MERN stack development world with your abilities.

**Final Words**

Now you’re very well aware of the point you need to follow to become a MERN stack developer. But if you have a great project and don’t have time to learn a new skill, rely on the expertise of [**75way**](https://75way.com/contact.php). We are a renowned [**MERN stack development company**](https://75way.com/) specializing in this field. Get in touch with us today!