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What is Web Development?

Building and managing websites for the internet or an intranet is known as **Web Development** (a private network). You might construct websites like blogs, personal pages, e-commerce sites, or social networking platforms.

Web designers will collaborate with clients to comprehend their needs for the website. After that, developers will create, test, and launch the website and maintain it by resolving bugs and incorporating new features.

Differences between website builders and web developers

Many website builders, like Wix and Weebly, make it simple for people who aren't developers to establish and publish a website. Why do we need web developers when website builders are available, one could wonder.

This is heavily influenced by the project's demands and specifications. There are circumstances where employing site builders makes more sense than working with developers.

For instance, employing a website builder is a realistic alternative if someone wants to establish a simple website for their handcrafted jewelry. This equipment is affordable and simple to use.

But what if a person has an expanding company and needs a website with unique software that meets their needs? Developers would then have the resources and expertise necessary to collaborate with clients to create the software and functionality they require.

What Kinds of Web Developers Are There?

You can choose to specialize in a variety of **Web Development** subjects. Front-end, back-end, and full-stack developers would be the typical categories. Let's examine each in further depth.

Development on the front end (client side)

Everything a user sees and interacts with on a web page is front-end development. Front-end developers will concentrate on creating user-friendly, aesthetically beautiful applications.

HTML, CSS, and JavaScript will be the key front-end technologies you employ. The page's material is organized using HTML, styled with CSS for a pleasing appearance, and given useful functionality via JavaScript, which also makes the site interactive.

Front-end developers may create websites using a variety of libraries and frameworks, such as React, Angular, Bootstrap, Tailwind CSS, and many more. You can speed up and optimize the development process with the aid of these technologies.

Development on the back end (server-side)

The area of an application that the user cannot view is referred to as the "back end." Back-end developers concentrate on building servers, dealing with databases, and developing APIs (Application Programming Interfaces).

For instance, the text and design of a form would be produced on the client side, but the server would handle the data after the users submitted it (back end).

Java, Python, Ruby, and PHP are among the languages you may use for back-end programming.

Full Stack Development

Working with both the front end and back end of the web application are full stack engineers.

These programmers must be competent with the server, browser, and databases. You thus need all the abilities and information I covered previously.

The following list includes several well-liked tech stacks for both front-end and back-end development.

Stack MEAN (MongoDB, Express, Angular, and Node)

stack of MERN (MongoDB, Express, React, and Node)

Rails by Ruby

Stack LAMP (Linux, Apache, MySQL, and PHP)

Learning Web Development: A Guide

Now that you know what a web developer does, let's look at some potential learning materials.

Should I learn to code on my own?

You may learn **Web Development** for free from a variety of internet tools. But how can you tell if this is the best course of action?

This is a realistic choice for you if you are the kind of person who has the discipline and structure to master these abilities on your own.

Web Development courses are entirely free to take on the **Logelite** website. You will experience a number of hurdles while working on projects in this dynamic learning environment.

Must I enroll in a coding Bootcamp?

Consider a Bootcamp if you want a structured setting where you can study with other students and instructors.

Bootcamps are fast-paced learning settings where you may quickly acquire the knowledge necessary to work as a beginning developer. However, these boot camps are often not free and need a considerable time commitment.

It is crucial that you conduct research before enrolling in a Bootcamp. An essay by Quincy Larson explains how boot camps operate and if they are appropriate for you.

Conclusion

Everyone can benefit from **Web Development** Services, so **Contact Logelite** to speak with our experts. No matter where you are or what industry you are in

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