WEB DEVELOPMENT

Every website as two parts:

1. Front-end
2. Back-end

The Front-end is the visual part that you see on your browser and communicate with it.

The Back-end is the part that powers the front end. It is behind the scene and meanly about store data base providing it to the front end.

Web Development jobs fall into three categories.

1. Front-end development.
2. Back-end development.
3. Full-stack development.

Full-stack involves front-end and Back-end development.

A front-end development tool involves HTML, CSS and JAVASCRIPT.

HTML

HTML means Hypertext markup language.

A markup language gives the layouts of the web-program. HTML is used to define the building block of web pages.

CSS

CSS means cascading style sheets.

For styling and beautification of web pages.

JAVASCRIPT

Programming language used for adding functionality to web pages.

To build a web site like twitter, setting structure like user image, Twitter handle, other block of text containing the message and three icons for commenting, retwitter and liking the page.

HTML is used to add this building blocks to our web page, Then we use CSS to give them For Instance: Visual effect (with CSS we can make the front bold, make our image round add some padding in between text, add some color to buttons and define their loops.)

Most web page are active they respond to our actions like click and strolls, in JAVASCRIPT we can the functionalities or behaviors to our web pages. For Instance; we highlight the tweet.

So JAVASCRIPT is a programming language, while HTML & CSS are not. This means that we can tell the computer what to do. They don’t have such functionalities.

Tools for web development

* HTML – markup language
* CSS – styling language
* JAVASCRIPT – programming language
* React – library
* Angular – framework
* GIT – version control system

A version control system is used to keep track of our project history and work corroboratively with other.