

## **WEB TECHNOLOGIES EVERY WEB DEVELOPER SHOULD KNOW**

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**Abstract:** Article present website per day in creation current of subjects is one In the article website work issuer to know need was very a lot the rules and techniques about concepts given.

**Key words:** JavaScript, HTML, Internet, Compilation, interpretation, Broadcasting.

### **Introduction**

It is not appropriate to talk about the popularity of the Internet today. The Internet has become a part of our lives, we are used to using its services every day. Currently, the optional web technologies of human life activities are education, commerce, politics, entertainment, etc.

The Internet brings together different people with a common goal. Everyone is trying to get information from the Internet. The time will come when the ability to print a document on the Internet will be available to anyone, even with an average level of knowledge, for example, the ability to use a typewriter.

Recently, due to the rapid development of the Internet and the number of its users increasing day by day, the number of web pages on the Internet is also increasing. In addition, it is possible to conduct business over the Internet, access universities remotely, and obtain a diploma from a prestigious university. Various providers offer the opportunity to place their pages on the Internet not only to firms and companies, but also to ordinary citizens, regardless of nationality, religion and language. To create your own page on the Internet, you need to have a basic understanding of the technology of creating a web page.

To start learning about web technologies (Internet technologies), you need to learn the following three concepts of web design:

- 1. Web page;**
- 2. Website;**



### 3. Web server.

Technology in Greek (techne) means art, skill, knowledge, which in turn are processes. Processes are a set of specific actions to achieve a defined goal.

A **web page** is a document that has a unique address and is viewed using a special viewing program (browser). It can contain a combination of text, graphics, sound, video or animation data - multimedia documents, hyperlinks to other documents.

A **website** is a logical combination of several web pages.

A **web server** is a computer or software on a network that provides or manages shared resources to a client. The Internet cannot be imagined without web servers that allow users to freely use network resources. Most of the information provided on the Internet is stored on such servers.

Web servers integrate databases and multimedia data. The web page and websites are stored on a web server. A web server uses client-server technologies in terms of the general principles of client-computer system organization.

The web design part of web technology (internet technology) has a special language, with the help of which texts and graphics are placed in a web page document, and this document can be viewed on any computer. Such special languages are called coded languages. Their main function is to "embed" information on a web page and provide links (hyperlinks) between them.

Web sites work exit every a website work issuer to know need was very a lot the rules and techniques collection with together will come. App or website work exit, small work manufacturers website such as simple thing usually three main programming the language to know with depends on: JavaScript, CSS and HTML.

#### Web technology what means?

Computers each other with people such as contact do it can't because of, they instead of codes to write Demand does Web technologies such as HTML, XML and XHTML designation languages and computers communication to do for are multimedia packages used.

#### 1. Browsers

Browsers information he asks and after they are to us who understands way they show them of the Internet consider translators. Here is the most celebrities:

*Google Chrome* - Currently by Google to you present done the most famous browser.

*Safari* is Apple's web browser.

*Firefox* - by Mozilla Foundation supported open resourceful browser.

*Internet Explorer* is a Microsoft browser.

#### 2. HTML and CSS

HTML we learn need has been is one of the first. Web browsers because of HTML ask received after what to show they know stands for Cascading Style Sheets the meaning means and it's HTML elements on the screen how to be shown describes.

#### 3. Web development exit frames

Web development exit frames work outgoing simple or simple tasks from doing escape and instead of to work right coming for use possible has been of elements initial is the point.

**Angular** is it dynamic web applications work exit for intended the most from the latest web technologies one This frame using you another frames or from plugins without using easily based on the front end applications to create can

To the features good prepared templates, MVC architecture, code work release the code separate and etc



1- picture. Angular



enters All expressions curly brackets into received code to pieces looks like and never how cycle or conditional from statements does not use

**Ruby on Rails** is a server - side website technology it is applications work exit much easy and faster does This the system really stand out standing thing of the code again use and work short time inside to perform help giving another great are features.

with ruby written popular websites including Basecamp, Ask.fm, GitHub, 500px and others there is.

Here's what Ruby on Rails is all about you know need was everyone thing

**Yii** is built on PHP5 open source web applications work exit system. He is working for optimized and debugging and applications check for one series great tools with together will come. Another one advantage is that it is very simple and use easy

**Meteor JS** is written in Node.js and this to you in real time different platforms web applications for Create enable will give. Personal use for simple websites Create for frame indeed with Meteor JS separate stands

It's open resourceful is an isomorphic JavaScript web framework that as well as a web page download time significant level reduction means The JavaScript stack is also normal less code lines with one different to the results reach enable will give.

Developed in Node.js developed Express.js web applications work exit network i is possible as long as faster applications and APIs work to exit needs those who are for very good Plugins using very many p great features present will be done.

This course Express.js with MongoDB and Mongoose together progress use about good information will give and the Express application placing and him work in release to work download different methods shows.

**Zend** to PHP based on open resourceful frame more safer and reliable web applications and services to create directed. This is Laravel or Symfony such as current from superhits before appear was the first corporate from level MVC frameworks one and Magento such as many popular PHP engines In Zend built

Today's Today, Zend is still active work coming out and it is open resourceful to his brothers compared to less famous to be possible though it is wide a scalable PHP application for great is the solution.



3- picture. Yii



4- picture. Meteor JS



5- picture. Express.js



6- picture. Zend



**Django** is written in Python the most famous from frames one to the MVC architecture action does Its simplicity because of app work exit process much makes it easier.

Django is from Python to use much simplifies and web applications work outgoing his life facilitating one how many tools present is enough For example, ORM, Models, Django Admin, Templates and others

More popular Python frameworks seeing get out

**Laravel** small web sites Ideal for developing PHP exit is a frame. It 's MVC support, to object directed libraries, Artisan, authorization technique, data base migration and others such as one series useful features with together will come. Now it's a community by the most many p supported and community by work developed from frames is one and available in PHP that account if we get it 's there the most large from teams one was Laravel every day millions transactions who manages small web sites and wide large-scale B2B portals energizing great is a tool.

#### 4. Programming languages

Above telling As we said, computers human being to the language unlike from languages not using because of, they with communication of doing another method need Below the most famous programming languages cited:

*Javascript* - all web browsers, Meteor and another a lot frames by is used

*CoffeeScript* is a " dialect " of the JavaScript language. It is simpler looks like, but it 's back to javascript becomes

*Python* is a Django framework by, also a mathematician of accounts in most cases is used

*Ruby* is a Ruby on Rails framework by is used

*PHP* by WordPress now everyone WYSIWYG editors you are using Create for is used. It is Facebook, Wikipedia and another large sites is also used by

*Go* is speed for created new language

*Swift* is from Apple the most new programming language

*Java* - Android and a lot the work table applications by is used.

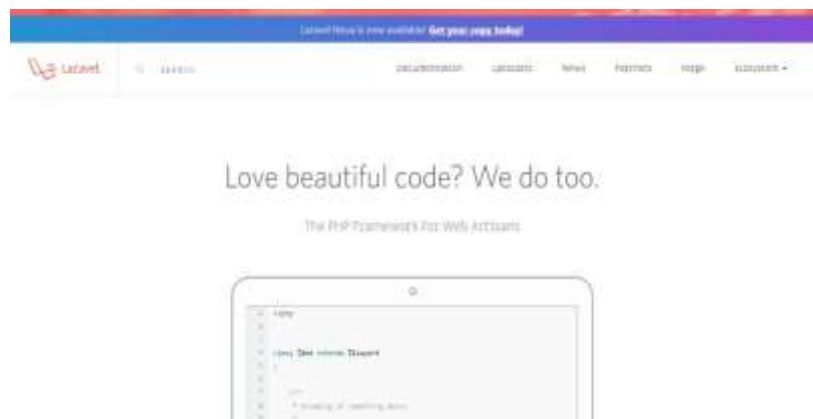
Summary by doing that's it to say maybe the internet network i different different task and to roles full has been is an industry. That's it account received without, har a website work issuer to himself need has been technologies perfect to know and use take necessary

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7- picture. Django



8- picture. Laravel



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