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• Career in web technologies and job role:

Web developer, Software developer, Web designer, UI developer, Web designer, Web programmer, Webmaster are some of the types of roles in web development. Web developer is the person who is working with the Web and developing applications on the Web. His basic role is to create websites and applications.

• How the website work?

The browser sends an HTTP request message to the server, asking it to send a copy of the website to the client.

• Client and server scripting language:

A language that a web browser can use it is a client-side scripting language.

Like, HTML, CSS, JS.

A language that a server can use it is a server side scripting language.

Like, PYTHON, JAVA, RUBY, PHP.

• Domains and hosting:

Domains is just name of the website. There are three types of domain. 1) sub domain 2) domain 3) top domain.

Hosting is the business of housing, serving, and maintaining files for one or more Web sites.

• Responsive web designing:

Responsive Web design is the approach that suggests that design and development should respond to the user's behavior and environment based on screen size, platform and orientation.

• Types of websites:

- I) Static:
- II) Dynamic:

A static web page is a web page that is delivered to the user's web browser exactly as stored, in contrast to dynamic web pages which are generated by a web application.

• Web standard and W3C recommendation:

The World Wide Web Consortium (W3C) develops international Web standards: HTML, CSS, and many more. W3C's Web standards are called W3C Recommendations.

• Protocol:

Protocol, in computer science, a set of rules or procedures for transmitting data between electronic devices, such as computers. In order for computers to exchange information, there must be a pre-existing agreement as to how the information will be structured and how each side will send and receive it. It's a digital language, that which communicate with internet.

- **Basics of SEO:**

Search engine optimization (SEO) is the art and science of getting pages to rank higher in search engines such as Google. Because search is one of the main ways in which people discover content online, ranking higher in search engines can lead to an increase in traffic to a website.

- **Basic of html:**

- HTML stands for Hyper Text Markup Language
- HTML is the standard markup language for creating Web pages
- HTML describes the structure of a Web page
- HTML consists of a series of elements
- HTML elements tell the browser how to display the content
- HTML elements label pieces of content such as "this is a heading", "this is a paragraph", "this is a link", etc.