*Web fundamentals project*

1. **How does the web works** :

World Wide **Web**, or simply web, it is an information-sharing model that is built on top of the Internet, a collection of **websites** or **web** pages stored in **web** servers and connected to local **computers** through the **internet**. .. The building blocks of the **Web** are **web** pages which are formatted in HTML and connected by links called "hypertext" or hyperlinks and accessed by HTTP protocol. Web documents also contain graphics, sounds, text and video.

The Web can be summarized as a series of interactions between two types of systems, **clients** (browser) and **server**.

The browser sends an HTTP request message to the server, asking it to send a copy of the **website** to the client , URL Gets Resolved, the website code is obviously not stored on your machine and hence needs to be fetched from another computer where it is stored. ...request is send …response is parsed…page is displayed…

1. **What do you need to be a web developer***:*

What does it take to become a web developer?

* Constantly learning and improving. In a fast moving industry like ours, staying on top of your game means you never stop learning. ...
* Keeping up to date with the industry. ...
* Being able to manage time and prioritize. ...
* Understanding essential html, css, and javascript.. the three pillars of the web ... defining the content to be displayed (HTML), telling a browser how to display that content (CSS), and making the content interactive (JavaScript)…
* Communicating well with others.

1. **What’s the role of a web developer :**

**Web developers** design and build **websites**. They are typically responsible for the appearance, of the site and technical aspects, such as site speed and how much traffic the site can handle. **Web developers** may also create site content that requires technical features.A web developer is at heart an interactive artist. He is someone driven by a deep desire to create things. A web developer’s canvas is a user’s web browser.  
Much like how a curious child takes pleasure in making toys by joining LEGO blocks—and then experiences a similar joy in taking things apart to see how they’re made, a web developer’s job is to use the basic building blocks of the web (like HTML, CSS and JavaScript) to create something complex like a webpage.