Presentation

* **How does the web work step by step**
* When the User or the searcher visit a web site by entering A URL for exemple [WWW.Gomycode.com](http://WWW.Gomycode.com) in the browser ,so the question how the server knows what the user means with this Url
* Firstly the server is the responsable of transfering the data beetwen the Browser and the data base ,the server do not understand the normal Url that user enters ,so the step after entering the Url is that browser contact a DNS Server (Domain name system) wich a huge dictionnary it translate the domain to an IP adress and here the server knows what the user exactly want .
* The server send a Query to the data base and the data base answer it by a data
* The the server send the data to the browser and it shows to the user by a HTML CSS or javascript language .
* **What do the person needs to be a web developer**

Before everything the person needs really to like the job and the work ,then he need some skills

* Language :HTML ,CSS,Javascript etc

It’s impossible to go into a career in web development if you’re not fluent in these three core languages. [**HTML is the language used to create websites**](https://careerfoundry.com/en/tutorials/web-development-for-beginners/introduction-to-html/)  **and app**, you’ll use it to describe the structure of the page. [**CSS is used to describe the visual presentation of these pages**](https://careerfoundry.com/en/tutorials/web-development-for-beginners/an-introduction-to-css-and-responsive-webpages/), determining things like layout, colours and fonts. [**JavaScript is used to make these pages interactive**](https://careerfoundry.com/en/tutorials/web-development-for-beginners/an-introduction-to-javascript/). These aren’t the only programming languages but they are the most useful for beginners.

* **Libraries and Frameworks: Bootstrap and jQuery**  
  Once you’ve mastered the basic languages, you can start exploring libraries and frameworks—which have essentially been created to simplify and speed-up the way you work with HTML, CSS and [**JavaScript**](https://careerfoundry.com/en/blog/web-development/how-long-does-it-take-to-learn-javascript/). There are tons of libraries and frameworks out there, but Bootstrap and jQuery are the most popular, so knowing these two will give you a huge advantage.  
  A free, open-source front-end library containing HTML and CSS-based design templates,Bootstrap will enable you to create responsive, mobile-friendly websites that display flawlessly on any device. Now remember the programming language JavaScript? Well, jQuery is simply a JavaScript library. In very basic terms, jQuery condenses common JavaScript tasks into fewer lines of code.
* **Git and GitHub**  
  Git is a version control system that enables you to keep track of all changes made to your code. GitHub is a hosting service for your Git repository, enabling teamwork and collaborative projects.
* **Optional: Design Software Sketch and Photoshop**  
  When working in web development, it’s not strictly necessary to be familiar with programmes like Sketch and Photoshop—but it doesn’t hurt. Many designers use these tools to present website mockups and prototypes, and if you ever plan on working as a freelance allrounder, this will certainly give you an advantage.

Of course, this is just the tip of the iceberg—there are loads more languages, tools and platforms that web developers use in their day-to-day work. However, it’s important to start with the basics and walk before you can run!

* **What is the role of a web developer :**

A Web Developer is responsible for the coding, design and layout of a website according to a company's specifications. As the role takes into consideration user experience and function, a certain level of both graphic design and computer programming is necessary.