

## How does the web work ?

the moment you enter an address in your browser and you hit ENTER a lot of different things happen :

- 1) The URL gets resolved
- 2) A request is sent to the server of the website
- 3) the response of the server is parsed
- 4) the page is rendered and displayed

## What do you need to be a web developer?

- 1) Learn the basics of how websites work, front-end vs back-end, and using a code editor
- 2) Learn basic HTML, CSS, and JavaScript
- 3) Learn tools: package managers, build tools, version control
- 4) Learn Sass, responsive design, JavaScript frameworks
- 5) Learn back-end basics: servers and databases, programming languages

## What's the role of a web developer ?

A web developer builds and maintains websites with the client and consumer in mind. That is, the end design must include products and services offered and show how users may access these. Web developers are familiar with technology and understand how computers and web servers operate. They are also very familiar with many software programs, web applications and web programming languages, such as hypertext markup language (HTML), JavaScript (JS), Ruby on Rails, and C++. They must be able to communicate effectively, set goals and meet deadlines.