

# Front-end and Back-end Technologies

## Front-end

The **frontend** of a software program or website is everything with which the user interacts. From a user standpoint, the **frontend** is synonymous with the user interface. From a developer standpoint. It is the interface design and the programming that makes the interface function.

## Back-end

The **backend** refers to parts of a computer application or a program's code that allow it to operate and that cannot be accessed by a user. Most data and operating syntax are stored and accessed in the **backend** of a computer system. Typically the code is comprised of one or more programming languages

## Difference between Frontend and Backend

Frontend and backend development are quite different from each other, but still, they are two aspects of the same situation. The frontend is what users see and interact with and the backend is how everything works

- The frontend is the part of the website users can see and interact with such as the graphical user interface (GUI) and the command line including the design, navigating menus, texts, images, videos, etc. Backend, on the contrary, is the part of the website users cannot see and interact with.
- The visual aspects of the website that can be seen and experienced by users are frontend. On the other hand, everything that happens in the background can be attributed to the backend
- Languages used for the front end are HTML, CSS , JavaScript while those used for the backend include Java, Ruby, Python, .Net