Intro to Bootstrap 4

# Front-end development vs back-end development

**Front-End Development**: what the user sees

* The face of your website/mobile app
* The user interface. Buttons, animations, etc.
* Languages: HTML, CSS, Javascript

**Back-End Development**: what the user can’t see. Behind-the-scenes.

* The functionality of your website/mobile app
* The server, the databases, etc.
* Languages: C#, Ruby, PHP, Java, NodeJS, SQL, .NET

# What is Bootstrap?

**Bootstrap** is a bunch of code that was written to be reusable and to help with front-end development.

It is useful for making a website more responsive. A **responsive** website is a website that can respond to the viewport. This means that it can be easily viewed on any device (computer, phone, tablet, etc.)

Bootstrap also allows you can access a bunch of pre-styled elements that you can simply drop into your code with very minimal effort.

# CDN

**CDN** (Content Delivery Network): Instead of hosting your website in a single location, you have a whole bunch of points where that website can be accessed.

So if we are from the UK then it will look for the location that is the shortest distance to get that website delivered.

This cuts down on the **latency** or how long it takes for your website to load up.