Front end technologies includes:

* JavaScript.
* HTML.
* CSS.
* React.
* React Native.
* Angular

Java Script is the scripting (programming) language of world wide web.

Javasccript can update and change both HTML and CSS

Javascript can manipulate, calculate and validate data

What is meant by AngularJS?

AngularJS is **a structural framework for dynamic web apps**. It lets you use HTML as your template language and lets you extend HTML's syntax to express your application's components clearly and succinctly. AngularJS's data binding and dependency injection eliminate much of the code you would otherwise have to write.

Most important javascript data types:

Javascript variables can be strings, numbers, objects, arrays and function

**JavaScript types there are 8 types of data in javascript**.

* **1. Boolean Data Types.**
* Boolean is a primitive data type in javascript. Boolean data types consist of logical They consist of two possible values “true” or “false”.

# 2. Null Data Types.

The null data type represents the value 0 it means this data type did not consist any data.

# 3. Undefined Data Type.

A **variable** that has not been assigned a value has the value undefined.

# 4. Number Data Type.

Number Data type is for numbers of any kind: integer or floating-point, integers are limited by ±253.

# 5. BigInt Data Type.

BigInt data type is for integer numbers of arbitrary length. With BigInt s, you can safely store and operate on large integers even beyond the safe integer limit for number s.

# 6. String Data Type.

String Data type is used to represent textual data. It is a set of "elements" of 16-bit unsigned integer values.

# 7. Symbol Data Type.

The symbol data type is used for giving unique identifiers.

# 8. Properties Data Type.

In JavaScript, objects can be seen as a collection of properties. With the [object literal syntax](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Guide/Values,_variables,_and_literals#Object_literals), a limited set of properties are initialized; then properties can be added and removed. Property values can be values of any type, including other objects, which enables building complex data structures. Properties are identified using key values. A key value is either a String or a Symbol value.

What is HTML in simple definition?

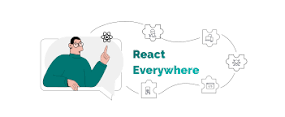
HTML (HyperText Markup Language) is **the most basic building block of the Web**. It defines the meaning and structure of web content. Other technologies besides HTML are generally used to describe a web page's appearance/presentation (CSS) or functionality/behavior (JavaScript)

What CSS means?

Cascading Style Sheets

HTML (the Hypertext Markup Language) and CSS (**Cascading Style Sheets**) are two of the core technologies for building Web pages. HTML provides the structure of the page, CSS the (visual and aural) layout, for a variety of devices. **CSS is a style sheet language responsible for the presentation of documents written in a markup language**

What is React and why use it?

[[](https://www.google.com/search?sxsrf=ALiCzsaL4zM8Hbsa87Yi1cuZwpNIU0SrsA:1659467917490&q=What+is+React+and+why+use+it?&tbm=isch&source=iu&ictx=1&vet=1&fir=I8Y9ZxmJIUUnbM%252Caanvp_J_KpRf5M%252C_&usg=AI4_-kQ1Q0JI1-0z2X_qP0QNdG9sg940XQ&sa=X&ved=2ahUKEwjwxPPd76j5AhWMOOwKHXgTAf4Q9QF6BAgcEAE#imgrc=I8Y9ZxmJIUUnbM)](https://www.google.com/search?sxsrf=ALiCzsaL4zM8Hbsa87Yi1cuZwpNIU0SrsA:1659467917490&q=What+is+React+and+why+use+it?&tbm=isch&source=iu&ictx=1&vet=1&fir=I8Y9ZxmJIUUnbM%252Caanvp_J_KpRf5M%252C_&usg=AI4_-kQ1Q0JI1-0z2X_qP0QNdG9sg940XQ&sa=X&ved=2ahUKEwjwxPPd76j5AhWMOOwKHXgTAf4Q9QF6BAgcEAE" \l "imgrc=I8Y9ZxmJIUUnbM)

React is **a JavaScript library developed by Facebook which, among other things, was used to build Instagram.com**. Its aim is to allow developers to easily create fast user interfaces for websites and applications alike. The main concept of React. js is virtual DOM

What is React Native used for?

React Native is an open-source JavaScript framework, designed for **building apps on multiple platforms like iOS, Android, and also web applications**, utilizing the very same code base. It is based on React, and it brings all its glory to mobile app development.

What is React Native vs JS?

[[](https://www.google.com/search?sxsrf=ALiCzsYws-z583Dl8Xp93CWzz_leYKeQxg:1659468176161&q=What+is+React+Native+vs+JS?&tbm=isch&source=iu&ictx=1&vet=1&fir=lmdDrYto5Sa6hM%252CtodBheoFNjIqNM%252C_&usg=AI4_-kTfGZTYyGSCkmxgf_WaBz7QTL1Pzg&sa=X&ved=2ahUKEwjryZ_Z8Kj5AhWDGewKHcd1Bx4Q9QF6BAgYEAE#imgrc=lmdDrYto5Sa6hM)](https://www.google.com/search?sxsrf=ALiCzsYws-z583Dl8Xp93CWzz_leYKeQxg:1659468176161&q=What+is+React+Native+vs+JS?&tbm=isch&source=iu&ictx=1&vet=1&fir=lmdDrYto5Sa6hM%252CtodBheoFNjIqNM%252C_&usg=AI4_-kTfGZTYyGSCkmxgf_WaBz7QTL1Pzg&sa=X&ved=2ahUKEwjryZ_Z8Kj5AhWDGewKHcd1Bx4Q9QF6BAgYEAE" \l "imgrc=lmdDrYto5Sa6hM)

**React is a JavaScript library of reusable components designed to create skeletons of the apps, whereas React Native is designed to build native mobile apps with reusable components**.