**JAVASCRIPT**

JavaScript is a programming language and a core technology of the World Wide Web. JavaScript is a scripting or programming language that allows you to implement complex features on web pages every time a web page does more than just sit there and display static information for you to look at. It is used for the webpage behavior on the client side, often incorporating third-party libraries. JavaScript is a high-level programming language often just-in-time compiled language that conforms to the ECMAScript standard that has dynamic typing, prototype-based object-orientation, and first-class functions. It has APIs for working with texts, dates, time, regular expression, standard data structures, and the Document Object Model (DOM).

**HISTORY.**

The first popular web browser with a graphical user interface, Mosaic, was released in 1993. It played a prominent role in the rapid growth of the early World Wide web. The lead developers of Mosaic then founded the Netscape corporation, which released a more polished browser Netscape Navigator, in 1994. This quickly became the most-used.

During these formative years of the Web, web pages could only be static, lacking the capability for dynamic behavior after the page was loaded in the browser. There was a desire in the flourishing web development scene to remove this limitation, so in 1995, Netscape decided to add a scripting language to Navigator. They pursued two routes to achieve this: collaborating with Suns microsystems to embed Java programming language, while also hiring Brendan Eich to embed the scheme language. Netscape management soon decided that the best option was for Eich to devise a new language, with syntax similar to Java and less like Scheme or other extant scripting languages. Although the new language and its interpreter implementation were called LiveScript when first shipped as part of a Navigator beta in September 1995, the name was changed to JavaScript for the official release in December.

**WHAT CAN JAVASCRIPT DO?**

JavaScript consists of some programming features that allows us to do things like;

* Storing useful values inside variables.
* Operations on a piece of text.
* Running code in response to certain events occurring on a web page