Web development is the process of creating and maintaining websites or web applications it incorporates both technical aspects of building a website and the aesthetic elements that make it visually appealing and user friendly

It's essential in the Internet context for reasons such as:

Communication and Information sharing

E commerce

Marketing and branding

Customer engagement

Innovation and advancement

2

Hypertext Markup Language

Used to create and structure content on Web page

3

Cascading style sheets

Plays a crucial role by providing tools and techniques necessary to create visually appealing, responsive and accessible web experiences

4

It is a high level interpreted programming language primarily used for creating interactive and dynamic web content.

It is crucial for building interactive websites because it empowers developers to create dynamic responsive and feature rich web experiences that enhance user engagement and usability

5

Node.js

Allows developers to run Javascript code on the server side. It uses an event driven, non blocking input and out put model, making it lightweight and efficient for handling concurrent connection

React

It is a java script library developed by Facebook for building user interfaces. It focuses on building UI components that are reusable, impossible and maintainable

6

Acquire skill set for web development covering both front end and back end aspect of building web applications