

Section 1: General Awareness

Web Development Basics:

- Web development, also known as website development, refers to the tasks associated with creating, building, and maintaining websites and web applications that run online on a browser.
- Web development is essential in the context of the internet because it Facilitates Communication and Information Sharing

HTML Knowledge:

- HTML stands for HyperText Markup Language.
- HTML is used to create and structure web pages.

Section 2: Familiarity with CSS

- CSS stands for Cascading Style Sheets.
- CSS is used to style and layout web pages. It allows you to control the look and describe the presentation of a document written in HTML .

Section 3: JavaScript and Its Importance

1. Introduction to JavaScript:

- JavaScript is a programming language that adds interactivity to web pages.
- JavaScript is crucial for building interactive websites because it allows you to create dynamic web pages that respond to user actions such as buttons, menus, and sliders and can add visual

effects and animations to your website, making it more engaging.

Section 4: Introduction to React and Node.js

1. React and Node.js Awareness:

- **React** is a JavaScript library primarily used for building user interfaces ,it allows developers to break down complex UIs into smaller, reusable components, making it easier to manage and maintain large-scale applications.
- **Node.js** is a JavaScript runtime environment that enables developers to build server-side applications using JavaScript. It allows you to create scalable and efficient web servers, APIs, and real-time applications.

Section 5: Bonus Question

1. Learning Intentions:

- I chose web development to enhance my technical skills, particularly in a practical context. As a recent computer science graduate, I recognized the growing demand for skilled web developers and the opportunity to contribute to innovative digital solutions. My goal is to leverage my academic foundation and gain hands-on experience to become a top-tier web developer