

WEB DEVELOPMENT

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Web Development Basics

▶ **What is web development?**

- ▶ Web development is the process of creating websites or web applications.
- ▶ It is essential because it enables businesses and individuals to establish an online presence, share information, and provide services to users worldwide.

HTML Knowledge

- ▶ **Have you heard of HTML?**
- ▶ **What does HTML stand for?**
 - ▶ HTML stands for **HyperText Markup Language**.
- ▶ **Primary purpose in web development:**
 - ▶ HTML is used to structure the content on a webpage, like adding headings, paragraphs, images, and links.

CSS Understanding

- ▶ **Are you familiar with CSS?**
- ▶ **What is CSS used for?**
 - ▶ CSS (Cascading Style Sheets) is used to style and design the layout of web pages.
 - ▶ It controls things like colors, fonts, spacing, and how the webpage looks on different screen sizes.

Introduction to JavaScript

- ▶ **Have you heard of JavaScript?**
- ▶ **What is JavaScript?**
 - ▶ JavaScript is a programming language used to make websites interactive.
- ▶ **Why is it crucial for building interactive websites?**
 - ▶ It enables dynamic features like animations, real-time updates, and user interactions such as clicking buttons or submitting forms.

React and Node.js Awareness

- ▶ **Are you familiar with React and Node.js?**
- ▶ **React:**
 - ▶ A JavaScript library used for building user interfaces, especially for creating single-page applications.
- ▶ **Node.js:**
 - ▶ A JavaScript runtime environment that allows developers to build server-side applications.

Learning Intentions

- ▶ **Why do you want to learn web development?**
 - ▶ To build functional and visually appealing websites.
 - ▶ To create interactive web applications that solve real-world problems.
- ▶ **What do you hope to achieve?**
 - ▶ Gain proficiency in HTML, CSS, JavaScript, React, and Node.js.
 - ▶ Develop skills to pursue a career in web development or enhance my knowledge.