ONE PAGE SUMMARY

IT & Software › Web Development › Web Standards

Introduction to Web Standards

Mastering Web Standards for Better Development Practices

DEFINITION

> Web standards are guidelines and specifications for creating consistent and accessible web content. They ensure that websites function well across different browsers and devices.

KEY CONCEPTS

HTML

HTML (HyperText Markup Language) is the standard language for creating web pages.

CSS

CSS (Cascading Style Sheets) controls the layout and appearance of web pages.

JavaScript

JavaScript is a programming language that enables interactive features on websites.

Accessibility

Accessibility ensures that web content is usable by people with disabilities.

Responsive Design

Responsive design allows websites to adapt to different screen sizes and devices.

EXAMPLES

→ Using semantic HTML tags for better SEO.

→ Applying CSS Grid for layout consistency.

→ Implementing ARIA roles for enhanced accessibility.

MEMORY TIPS

★ Remember 'HTML' as 'HyperText Markup Language' to recall its purpose.

★ Think of 'CSS' as 'Cascading Style Sheets' to link style to cascading effects.

★ Use 'A.R.I.A.' to remember 'Accessible Rich Internet Applications' for accessibility.

COMMON MISTAKES

✗ Neglecting mobile responsiveness in design.

✗ Overusing inline styles instead of external CSS.

✗ Ignoring accessibility features in web development.

QUICK RECAP

Web standards are essential for creating functional and accessible websites. Key components include HTML, CSS, JavaScript, accessibility, and responsive design. Understanding these concepts helps ensure a better user experience across all platforms.