Web Development

Web development refers to the process of creating, building, and maintaining websites. It includes aspects such as

web design, web publishing, web programming, and database management.

Types of Web Development:

1. Frontend Development – Everything users visually interact with (HTML, CSS, JavaScript).

2. Backend Development – Server-side operations, databases, and APIs.

3. Full-stack Development – Combination of both frontend and backend.

Modern Tools and Frameworks:

- React, Angular, and Vue.js for frontend.

- Node.js, Django, and Laravel for backend.

- MongoDB, MySQL, and PostgreSQL for databases.

Trends in Web Development:

- Progressive Web Apps (PWAs)

- Web 3.0 and decentralized applications

- AI integration for personalization

- Enhanced web security

Web development continues to evolve with technologies like 5G, AI, and VR/AR reshaping the digital experience.

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