

## Web Development Basics

### 1. Introduction

Web development involves creating and maintaining websites. It includes web design, coding, and server-side configuration.

### 2. Frontend Development

The frontend is the part of a website users see and interact with. Common technologies include:

- HTML – Structure of webpages
- CSS – Styling and layout
- JavaScript – Interactivity and dynamic behavior

### 3. Backend Development

The backend manages data, servers, and business logic. Common backend technologies include:

- Node.js
- Python (Django, Flask)
- PHP
- Databases like MySQL, MongoDB

### 4. Full-Stack Development

Full-stack developers work on both frontend and backend parts of web applications.

### 5. Version Control

Tools like Git help track code changes and collaborate with others.

### 6. Hosting & Deployment

Websites are deployed using services like Netlify, Vercel, or traditional hosting servers.

### 7. Conclusion

Learning web development requires consistent practice with both frontend and backend technologies.

