



Basic Web Development

Course Overview

This comprehensive Basic Web Development course is designed to introduce you to the fundamental concepts of web development. You'll learn the building blocks of web pages: HTML, CSS, and JavaScript. Through hands-on projects and expert guidance, you'll gain a solid foundation in web development and be able to create dynamic and interactive web pages.

Why Choose This Course?

- **Industry-Relevant Skills:** Learn the core skills needed for web development.
- **Hands-On Projects:** Gain practical experience by building real-world web pages.
- **Expert Instructors:** Learn from experienced professionals who are passionate about teaching.
- **Flexible Learning:** Choose from a variety of learning formats to fit your lifestyle.
- **Career Advancement:** Boost your career prospects and explore various web development roles.

What You'll Learn

- **HTML:**

- Structure and semantics of HTML
- Creating basic web pages
- Headings, paragraphs, links, images, and lists
- Tables and forms
- HTML5 semantic elements
- **CSS:**
 - Styling HTML elements with CSS
 - CSS selectors and properties
 - Box model and layout techniques
 - Responsive web design
 - CSS frameworks (Bootstrap, Tailwind CSS)
- **JavaScript:**
 - Introduction to JavaScript
 - Variables, data types, and operators
 - Control flow (if/else, loops)
 - Functions
 - DOM manipulation
 - Event handling
 - Asynchronous JavaScript (AJAX)

Tools & Technologies

- **Text Editor:** Visual Studio Code or similar
- **Browser:** Chrome, Firefox, or Edge

Curriculum

Month 1: HTML Fundamentals

- Introduction to Web Development
- Basic HTML Structure

- Headings, Paragraphs, and Links
- Images and Lists
- Tables and Forms
- HTML5 Semantic Elements

Month 2: CSS Styling

- Introduction to CSS
- CSS Selectors
- CSS Box Model
- CSS Layout Techniques
- Responsive Web Design
- CSS Frameworks (Bootstrap, Tailwind CSS)

Month 3: JavaScript Basics

- Introduction to JavaScript
- Variables, Data Types, and Operators
- Control Flow
- Functions
- DOM Manipulation
- Event Handling
- Asynchronous JavaScript (AJAX)

Additional Notes:

- **Hands-on Projects:** Incorporate regular hands-on projects throughout the curriculum to reinforce learning and build a portfolio.
- **Code Reviews and Feedback:** Provide constructive feedback on students' code to improve their skills.
- **Best Practices:** Teach industry-standard best practices for web development.
- **Career Guidance:** Offer guidance on job search strategies, resume writing, and interview preparation.