



Web Developer Certification Training

"Create Dynamic Online Experiences"



UPSKILLMENT



INTRODUCTION



This Web Developer Certification Program is designed to equip participants with the essential skills required for modern web development. It covers key front-end and back-end technologies, including HTML5, CSS3, JavaScript, and more. By the end of the course, learners will have the hands-on experience and technical knowledge needed to create dynamic, responsive websites and applications. The program includes practical training and projects to help you become a proficient web developer.

Duration: 5-6 Weeks | Mode: Live (Weekday & Weekend Batches)

(Self Paced Available As Well)

Modules: 6 | Total Hours: 18

CURRICULUM

Module 1: Web Development Foundations

- HTML5 Basics: Learn the fundamental building blocks of the web, including tags, structure, and semantics.
- CSS3 Styling: Introduction to styling webpages, including layouts, typography, and responsive design techniques.
- Web Development Tools: Setting up a development environment using code editors like Visual Studio Code and web browsers for testing.

Module 2: Advanced HTML5 & CSS3 Techniques

- HTML5 Forms and APIs: Dive deeper into building interactive forms and using HTML5 APIs for enhanced web functionality.
- Advanced CSS3: Learn advanced CSS features like Flexbox, Grid Layout, and animations to create responsive and visually appealing designs.
- CSS Preprocessors: Introduction to Sass and LESS to streamline and manage complex CSS code efficiently.

Module 3: JavaScript Fundamentals & DOM Manipulation

- JavaScript Essentials & DOM Interaction: Learn key JavaScript concepts like variables, functions, and loops, and how to dynamically update HTML content using the DOM.
- Event Handling & Dynamic Content: Master handling user interactions such as clicks and keystrokes, making your website interactive and responsive.

Module 4: Responsive Web Design & Front-End Frameworks

- Responsive Design Techniques: Build websites that adjust to various screen sizes using media queries and mobile-first design principles.
- Front-End Frameworks & Layouts: Use Bootstrap for responsive designs and understand Flexbox and Grid for creating flexible, adaptive layouts.

Module 5: JavaScript Libraries & APIs Integration

- **jQuery & Google APIs:** Learn to simplify JavaScript tasks with jQuery for DOM manipulation, animations, and AJAX. Integrate Google APIs like Maps, Analytics, and YouTube to enhance web projects.
- **Asynchronous JavaScript:** Understand how to use AJAX and fetch API for dynamic content loading without refreshing the page, improving the user experience.

Module 6: Deployment & Web Hosting

- **Amazon S3 Hosting:** Deploy static websites using Amazon S3, ensuring reliable, scalable hosting for your web applications.
- **Web Hosting & Project Deployment:** Learn domain registration, DNS configuration, and deploying your final web project to a live server for public access.

Web Developer Training Features :

- Flexible Learning and Rescheduling Options
- Tailor your learning schedule with weekday or weekend classes and morning or evening sessions to fit your commitments. Missed a session? Easily reschedule and join a batch that matches your availability.
- Personalized Learning Support
- Benefit from a dedicated Learning Manager who provides personalized guidance, resolves your queries, and supports you throughout the course to ensure a seamless learning experience.
- Practical and Job-Focused Training
- Gain hands-on experience through industry-relevant projects and real-world simulations. Enhance your employability with dedicated job assistance, including resume building, interview preparation, and placement support.
- Industry-Recognized Certification
- Earn a prestigious certification endorsed by top organizations, validating your expertise and giving you a competitive edge in the global job market.

Web Developer Training Outlook

- Demand for Web Developers: According to the U.S. Bureau of Labor Statistics, the demand for web developers is expected to grow by 13% from 2020 to 2030, much faster than the average for other professions.
- Salary Trends: Web developers earn competitive salaries, with the average annual pay in the U.S. around \$77,200 (Glassdoor, 2024). Senior web developers can make upwards of \$100,000 annually, depending on experience and location.
- Growth of Online Education: The global online education market is projected to reach \$457.8 billion by 2026, with tech courses being some of the most popular offerings. Online certifications in web development continue to be in high demand due to the flexibility and scalability of digital learning.

LET'S CONNECT

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