



Front-End Foundation Internship

Duration: 30 Days

Course Objectives (with Projects)

- Master **HTML & CSS fundamentals** to build responsive and visually appealing websites.
- Learn **React JS** for creating dynamic, component-based web applications.
- Understand **CSS styling, layout, responsive design, and advanced properties** (box model, positioning, Z-index, flex/grid basics).
- Gain hands-on experience with **projects**:
 1. Mini HTML & CSS website (challenge project)
 2. Restaurant Website using React
 3. Todo App using React Hooks
 4. Responsive multi-section website from Figma design
- Apply best practices for **web design, interactivity, and deployment**.

Prerequisites

- Basic knowledge of **HTML, CSS, and JavaScript**.
- Familiarity with text editors (VS Code, Sublime Text, or Atom).
- Basic understanding of web browsers and file structure.
- Optional: familiarity with **Git/GitHub** for version control.

Tools & Environment

- **Code Editor**: VS Code, Sublime Text, or Atom
- **Web Browser**: Chrome, Firefox, or Edge
- **Node.js & npm**: Required for running React projects
- **Design Tool**: Figma (for UI/UX reference)
- **Optional**: Git/GitHub for version control and hosting projects

Beyond Objectives Learning

- Explore **advanced CSS techniques**: animations, transitions, and pseudo-elements.
- Learn **responsive frameworks** like Bootstrap or Tailwind CSS.
- Integrate **React with APIs** for dynamic data fetching.
- Understand **performance optimization** in React and frontend projects.
- Deploy websites live on platforms like **Netlify, Vercel, or GitHub Pages**.
- Prepare for **full-stack development** by learning backend technologies (Node.js, Express, MongoDB).



Sr.	Title	Topic	Objective
1	Intro	Course Introduction	Overview of what you will learn in this HTML & CSS course
2	Things To Learn In HTML	HTML Fundamentals	Understand the key concepts to learn in HTML
3	What Is HTML?	HTML Basics	Learn what HTML is and its role in web development
4	How To Download Text Editor?	Setup	Install a text editor for writing HTML code
5	Creating First HTML File	HTML Basics	Create and save your first HTML file
6	How To Open HTML File In Your Browser	HTML Basics	Learn how to view HTML pages in a browser
7	HTML Paragraph	HTML Elements	Understand paragraph tags and text structure
8	Text Formatting In HTML	HTML Elements	Apply formatting tags like bold, italic, etc.
9	HTML Styles And Comments	HTML Elements	Learn inline styling and adding comments in HTML
10	Difference Between Tags And Elements	HTML Basics	Distinguish between HTML tags and elements
11	How To Use Google Fonts	HTML & Styling	Integrate custom fonts using Google Fonts
12	HTML Links	HTML Elements	Create hyperlinks in HTML pages
13	HTML Images	HTML Elements	Insert images and understand image attributes
14	HR Tag	HTML Elements	Use horizontal rules to separate content
15	Lists In HTML	HTML Elements	Create ordered and unordered lists
16	HTML Forms	HTML Elements	Build forms to collect user input
17	Introduction To CSS	CSS Basics	Understand what CSS is and its purpose
18	What Is CSS?	CSS Basics	Learn CSS fundamentals and styling concepts
19	Ways To Use CSS	CSS Basics	Explore inline, internal, and external CSS
20	CSS Id's And Classes	CSS Selectors	Apply ID and class selectors for styling
21	Background Property In CSS	CSS Styling	Set background colors, images, and properties
22	CSS Font Property	CSS Styling	Style text with font properties
23	Texts In CSS	CSS Styling	Control text appearance (size, color, spacing)
24	Links In CSS	CSS Styling	Style hyperlinks with CSS
25	Borders In CSS	CSS Styling	Add and style borders around elements
26	Lists In CSS	CSS Styling	Style lists using CSS properties
27	Box Model In CSS	CSS Layout	Understand padding, border, margin, and content
28	Scrollbars In CSS	CSS Styling	Customize scrollbars on web pages
29	Positioning In CSS	CSS Layout	Learn relative, absolute, fixed, and sticky positioning
30	Z-Index	CSS Layout	Manage layering of elements on a page
31	Float Property In CSS	CSS Layout	Use float for element alignment
32	CSS Display	CSS Layout	Control how elements are displayed
33	Cursors In CSS	CSS Styling	Change mouse cursor appearance
34	Challenge: Creating A Website Using HTML & CSS In 20 Minutes	Practical Project	Apply learned concepts to build a mini website
35	Awesome Outro	Course Ending	Wrap-up and next steps



Sr.	Title	Topic	Objective
11	Project Introduction	React JS Overview	Understand course scope and projects
12	History of React JS	Background	Learn React’s origin and ecosystem
13	Install & Run React JS	Setup	Install Node.js, npm, and create React app
14	Basics of React JS	React Fundamentals	Learn JSX, components, props, and state
15	Restaurant Website Project	Practical Project	Build a small restaurant website using React
16	Hooks in React JS	React Hooks	Learn functional component hooks and best practices
17	useEffect Hook	React Hooks	Manage side effects in components
18	useReducer Hook	React Hooks	Handle complex state logic in functional components
19	Project Introduction	React JS Overview	Understand course scope and projects
20	History of React JS	Background	Learn React’s origin and ecosystem
21	Install & Run React JS	Setup	Install Node.js, npm, and create React app
22	Project Intro	Project Overview	Understand project goals and structure
23	Website Review	Reference Website	Analyze features to replicate
24	Special Offer For You	Incentive Section	Learn to highlight offers in UI
25	Folder Structure	Setup	Organize project files and folders
26	Figma Review & HTML Header	Design to Code	Convert header design from Figma to HTML
27	CSS Default Property	Styling	Apply default CSS styles for consistency
28	Menu CSS Code	Navigation	Style navigation menu with CSS
29	Hero Section HTML & CSS	Main Banner	Create hero section layout and styling
30	2nd Section HTML & CSS	Content Section	Add structured content with styling
31	3rd Section HTML & CSS	Content Section	Continue structured layout
32	4th Section HTML & CSS	Content Section	Add additional content with styling
33	5th Section HTML & CSS	Content Section	Build another content block
34	6th Section Footer HTML & CSS	Footer	Add footer layout and styling
35	Social Media HTML & CSS	Social Section	Add social links and icons
36	Responsive CSS Codes	Mobile & Tablet	Make website responsive across devices
37	Website Overview	Final Check	Review all sections and features
38	Smooth Scrolling Effect	UX Enhancement	Implement smooth scrolling for navigation
39	Host Website LIVE	Deployment	Publish the website online

Minimum Completion Criteria:

- Complete all modules and MCQs
- Attempt weekly marathons
- Submit at least 2 out of 5 projects in the final level
- Attend minimum 80% of lessons

Certificate Details

- Upon successful completion of the Internship, learners will receive a Government-Recognized Certificate from Vidyawan, a registered MSME enterprise (*Udyam Registration No: UDYAM-WB-14-0205610*).



One Month Internship Certificate



Weekly Marathon Participation Certificate

Performance-Based Badge System

- Gold Badge – For Top Performers (90%+ score, completed 4+ projects)
- Silver Badge – For consistent performance (70–89%)
- Copper/Participant Badge – For all learners who complete the program

Contact Information

For queries, registration, or collaboration, feel free to contact us:

Vidyawan – Internship & Skill Development Platform

(A Government-registered MSME – UDYAM-WB-14-0205610)

- Email: contact.vidyawan@gmail.com
- Website: www.vidyawan.in (Get in touch section)
- Location: West Bengal, India
- Follow us for updates and upcoming internships