

Web Development & Freelancing Live Sessions

Day 1: Introduction to Web Development

- Intro to the Course
 - HTML Basics: Tags, Elements, and Structure
 - CSS Basics: Styling Your Web Pages
-

Day 2: Styling with CSS

- CSS: Hovers, Transitions, Shadows
 - Using Chrome DevTools & CSS Box Model
 - Text Styles and Typography
-

Day 3: Building Layouts

- Structuring HTML for Layout
 - Images and Text Boxes
 - CSS Display Property and Div Element
-

Day 4: Advanced CSS Layouts

- Nested Layouts Technique
 - Introduction to CSS Grid
 - Flexbox: Aligning and Distributing Elements
-

Day 5: Positioning in CSS

- CSS Position Property: Fixed, Relative, and Absolute
 - Combining Positioning for Complex Layouts
-

Day 6: Finalizing the Web Project

- Finishing the Layout & Design
- Adding More CSS Features for Polish
- Wrapping Up and Q&A

Web Development & Freelancing Live Sessions

Day 7: Introduction to JavaScript

- JavaScript Basics: Variables, Data Types, and Console
 - Numbers and Math in JavaScript
 - Working with Strings
-

Day 8: JavaScript Programming Essentials

- Review of HTML/CSS with JavaScript Console
 - Booleans, If-Statements, and Logic
 - Functions: Basics to Advanced
-

Day 9: JavaScript DOM Manipulation

- Introduction to Objects
 - Document Object Model (DOM) Overview
 - Interacting with HTML and CSS via JavaScript
-

Day 10: JavaScript Arrays and Loops

- Arrays: Storing and Manipulating Data
 - Loops: Iterating Through Data
 - Advanced Functions and Callbacks
-

Day 11: Full-Stack Development Introduction

- Starting the Amazon Project
 - Introduction to Git & GitHub
 - Version Control Basics
-

Day 12: JavaScript Modules & Libraries

- Using External Libraries

Web Development & Freelancing **Live Sessions**

- Testing and Debugging JavaScript Code
 - Introduction to Object-Oriented Programming (OOP)
-

Day 13: Backend Development Basics

- Intro to Backend, Callbacks, and Async Await
 - Working with Promises and Fetch API
 - Final JavaScript Review
-

Day 14: Putting Your Website on the Internet

- Uploading Code to GitHub
 - GitHub Pages: Hosting for Free
 - Setting Up Domain Names and DNS
-

Day 15: React Basics

- What is React?
 - JSX, Components, and Props in React
 - Ternary Operators, Lists, and CSS in React
-

Day 16: State Management in React

- Introduction to React State and useState Hook
 - CRUD Operations in React (To-Do List Project)
 - Lifecycle Methods and useEffect Hook
-

Day 17: API Integration in React

- Fetching Data from APIs
 - Using React Router DOM for Navigation
 - State Management with useContext Hook
-

Web Development & Freelancing **Live Sessions**

Day 18: Advanced React Features

- React Query for Server State Management
 - Building Forms in React
 - Custom Hooks and TypeScript
-

Day 19: Firebase and Redux in React

- Introduction to Firebase and Redux Toolkit
 - Firebase Project (Parts 1-3)
 - Deploying a Firebase React App
-

Day 20: Building a Responsive Portfolio Website

- Setting Up Project with Next.js and Tailwind CSS
 - Light/Dark Mode, Header, Home, About, and Projects Sections
 - Deploying the Portfolio Website
-

Day 21: Building Mobile Apps with React Native

- Introduction to React Native
 - Building a Wallpaper App with Expo Router
 - Deploying React Native Apps
-

Day 22: 3D Websites and Blockchain Development

- Making a 3D Avatar Builder with Three.js and React
- Solidity Basics and Smart Contracts (Intro)