

Full Stack Web Development

1. Introduction
2. HTML
 1. Essential HTML
 1. Introduction
 2. Tags (List, anchor, images, Blocks / Inline Elements)
 3. Divs & Spans, Classes & IDs
 4. Semantic Elements
 5. Challenge - Price Grid
 2. More HTML
 1. Form and Input Tags
 2. Challenge - Form
 3. Audio Element
 4. Video Element
 5. Image Map
 6. Tables
 7. Iframes
 8. Global Attributes
 9. SVG Attributes
 10. Pop Over & Details
 11. Progress & meter
3. CSS
 1. Basics
 1. Implementing CSS
 2. Basic CSS Selector
 3. Fonts In CSS
 4. Font/Text Properties
 5. Colors
 6. CSS Specificity
 7. Background
 8. Styling Links
 9. Challenge - CSS Basic Challenge
 2. Box Model & Positioning
 1. Explaining Box Model
 2. Sizing & Overflow
 3. Padding
 4. Margin
 5. Universal Selector & Reset
 6. Borders
 7. Display Properties
 8. Position Property
 9. Box Shadow
 10. **Mini Project - Freelance Form**
 11. **Mini Project - Shoe Card**
 3. Flexbox
 1. Flexbox Basics
 2. **Mini Project - Pricing Card**

4. Responsive Design
 1. Intro to Responsive Design
 2. Flexible Layouts & Percentage
 3. Rem & em units
 4. Viewport Units
 5. Media Queries
 6. Responsive Flexbox Layout
 7. Container Queries
 8. Container Units
5. **Mini Project : Landing Form**
6. Various CSS Features
 1. Custom Properties
 2. Filter
 3. **Mini Project : Smooth Scrolling**
 4. **Mini Project : Sticky Nav & Style on Scroll**
7. **Project : Lumina Creative Project**
8. Advanced Selector - Pseudo Classes & Elements
 1. Attribute Selector
 2. Child & Sibling Combinators
 3. Pseudo Elements
 4. Pseudo Classes
 - 5.
9. CSS Grid
10. Transition, Animations
4. **Project : Tutor Website Project**
5. **Project : Leno Website Project**
6. Tailwind CSS
 1. Tailwind Fundamentals
 2. Tailwind CLI & Environment
 3. Tailwind Mini Projects
 1. **Mini Project : E-mail SSubscribe Card**
 2. **Mini Project : Pricing Grid**
 3. **Mini Project : Product Modal**
 4. **Mini Project : Image Gallery**
 5. **Mini Project : Login Modal**
7. **Project : Clipboard Website**
8. **Project : Loopstudio Website**
9. **Project : Shortly Website**
10. **Project : Testimonials Grid**
11. **Project : Fylo Website**
12. **Project : Bookmark Manager Website**
13. Modern Javascript
 1. Basics of Javascript
 2. Arrays & Object
 3. Functions, Scope & Execution Context
 4. Logic & Control Flow
 5. Loops, Iteration & Array Methods
 6. Document Object Model
 7. Events

- 8. Shopping List Project**
 9. Asynchronous Javascript
 10. Fetch API & Asynch Await
 - 11. Flixx Movie App Project**
 12. Web & Browser APIs
 13. OOPs
 - 14. Tracalories App - OOP project**
 15. Modules & Tooling
 16. Iterator
 17. Generator
 18. Data Structures
 19. Unit Testing Algorithms
 20. Overview of Node JS
 - 21. Random Ideas App**
14. React JS
 1. React Basics & JSX
 2. Components, Props & State
 3. Forms, Validation & Simple Animation
 4. Creating Routes & Links
 5. Context API, useContext Hooks
 6. APIs & HTTP Requests
 7. Refactoring Context & Actions
 8. More Advanced React Hooks
 - 9. Project - Feedback Project**
 - 10. Project - Github Finder**
 - 11. Project - House Market Place Project**
 15. Node JS
 1. Basics
 2. Workflow, Development & Debugging
 3. Express JS
 4. Working with Dynamic Content & Adding Template Engines
 5. MVC Architecture
 6. Dynamic Routes
 7. SQL
 8. Working with NoSQL & MongoDB
 9. Working with Mongoose
 10. Sessions & Cookies
 11. Authentication
 12. Understanding Validation
 13. Error Handling
 14. File Upload & Download
 15. Adding Pagination
 16. Understanding Async Requests
 17. REST APIs
 18. Understanding Async & Await Function
 19. Understanding Websockets & Socket.io
 - 16. MERN Project - Support Desk Project**
 - 17. Ecommerce Project**
 - 18. Expense Tracker**

19. Blog Project