



## **Technocation Freelancing Training Institute & Software House**

### **Full Stack Web Development Training Certification Course Outline**

#### **MODULE 1: Introduction to Web Development**

- What is a website?
  - Frontend vs backend explained simply
  - How websites work in browsers
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#### **MODULE 2: HTML Basics**

- Learn to write web pages
  - Add headings, text, and images
  - Make simple links
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#### **MODULE 3: CSS Styling**

- Change colors and fonts
  - Add borders, padding, and spacing
  - Make the page look beautiful
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#### **MODULE 4: JavaScript Basics**

- Add actions to a page
  - Create buttons that do things
  - Show messages with code
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#### **MODULE 5: Advanced JavaScript**

- Work with variables and loops
- Learn about functions
- Make interactive forms

#### **MODULE 6: Frontend Framework (React Intro)**

- Build reusable components
  - Update pages without refresh
  - Create a simple app
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## **MODULE 7: Backend Basics**

- Learn what servers do
- Handle user requests
- Send data back to users

## **MODULE 8: Node.js & Express**

- Create your own server
- Build routes for pages
- Connect frontend to backend

## **MODULE 9: Databases (MongoDB Intro)**

- Store information safely
- Save and find user data
- Connect database to website

## **MODULE 10: Authentication & Security**

- Create login and signup
- Protect passwords safely
- Keep websites secure

## **MODULE 11: Project Development**

- Plan and build a mini website
- Combine frontend + backend + database
- Test and fix errors

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