



Technocation Freelancing Training Institute & Software House

Mern Stack Web Development Training Certification Course Outline

MODULE 1: Introduction to Web Development

- What is a website?
 - Frontend vs backend explained simply
 - MERN stack overview
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MODULE 2: HTML Basics

- Learn headings, paragraphs, links
 - Add images and lists
 - Make a simple webpage
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MODULE 3: CSS Styling

- Change colors, fonts, backgrounds
 - Add borders, margins, padding
 - Make pages look attractive
-

MODULE 4: JavaScript Basics

- What is JS and why we need it
 - Variables, numbers, and strings
 - Small programs like a calculator
-

MODULE 5: JavaScript Functions & Events

- Learn functions step by step
- Use buttons to do actions
- Add interactivity to page

MODULE 6: React Basics

- What is React?
 - Create simple components
 - Display text and buttons
-

MODULE 7: React Projects

- Build a small to-do app
- Add inputs and lists
- Practice reusable components

MODULE 8: MongoDB Basics

- What is a database?
- Store information in tables
- Save and find data

MODULE 9: Express.js

- What is a server?
- Create a simple backend
- Send data to frontend

MODULE 10: Node.js

- What is Node.js?
- Run JavaScript on server
- Make basic programs

MODULE 11: Connecting MERN

- Connect frontend (React) with backend
- Store and fetch data with MongoDB
- Build one small project

MODULE 12: Certification & Final Project

- Create a small MERN website
- Show it to class or family
- Get “Junior MERN Developer” certificate

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