



Technocation Freelancing Training Institute & Software House

MEAN Stack Web Development Training Certification

Course Outline

MODULE 1: Introduction to MEAN Stack

- Learn what MEAN stack means (MongoDB, Express, Angular, Node.js)
 - Why MEAN is used for building websites
 - See real-life apps made with MEAN
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MODULE 2: Basics of MongoDB

- Learn what a database is
 - Store simple data like names or numbers
 - Practice saving and finding data
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MODULE 3: MongoDB Advanced

- Learn collections and documents
 - Update and delete data
 - Organize data like a school library
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MODULE 4: Introduction to Express.js

- Understand what Express does
 - Build a simple server
 - Show “Hello World” on your browser
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MODULE 5: Express.js in Action

- Learn routes (paths for your website)
- Connect Express with MongoDB
- Build a small API

MODULE 6: Introduction to Node.js

- Learn what Node.js is
 - Why it is fast and powerful
 - Run your first JavaScript program in Node
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MODULE 7: Node.js Advanced

- Learn modules in Node.js
- Use npm (Node package manager)
- Make a small project with Node.js

MODULE 8: Angular Basics

- Learn what Angular is
- Make a simple web page with Angular
- Add style and colors to your page

MODULE 9: Angular Components

- Break a page into parts (header, footer, menu)
- Learn data binding
- Show a list of items using Angular

MODULE 10: Connecting Frontend & Backend

- Connect Angular with Express and Node
- Send data from a form to a database
- Show saved data on the page

MODULE 11: Build a Mini Project

- Make a simple blog or task manager
- Use all parts: MongoDB, Express, Angular, Node
- Test and improve your project

MODULE 12: Certification Module

- Review all modules in a quiz
- Finish a final project (website or app)
- Get certified as “Junior MEAN Stack Developer”

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