



Full Stack Using MERN

Duration: 3 Month | Placement Oriented

Course Objective –

- Introduction to Hyper Text Markup Language(HTML5)
- Introduction to Cascading Style Sheet(css), Bootstrap, JavaScript, JQuery, JSON
- MongoDB
- ExpressJS
- React JS
- Node JS

Key Takeaways –

Course Certificate

No –Cost
Repeat
Lectures

LifeLong access to
doubt clarification

E- portfolio Assistance

S.No

TOPICS

Hyper Text Markup Language(HTML5) (Duration: 16 Hours)

- 1 Introduction to HTML
- 2 HTML Basics
- 3 HTML Elements
- 4 HTML Semantic
- 5 HTML Attributes
- 6 HTML Headings
- 7 HTML Paragraph
- 8 HTML Styles
- 9 HTML Formatting
- 10 HTML Quotations
- 11 HTML Comments & Colour
- 12 HTML CSS, Links and Images
- 13 HTML Lists
- 14 HTML Blocks
- 15 HTML Classes
- 16 HTML Layout
- 17 HTML Responsive
- 18 HTML Forms, Tables

Real- Time Projects on HTML5

Cascading Style Sheets (Duration: 16 Hours)

- 20 Introduction CSS3
- 21 CSS3 Syntax
- 22 CSS3 How To
- 23 CSS3 Color
- 24 CSS3 Background color
- 25 CSS3 Padding
- 26 CSS3 Height

- 27 CSS3 Width
- 28 CSS3 Margin
- 29 CSS3 Shadows
- CSS3 Text
- 30
- 31 CSS3 Font
- 32 CSS3 Links
- 33 CSS3 Tables
- 34 CSS3 Lists
- 35 CSS3 Outline
- 36 CSS3 Display
- 37 CSS3 Position
- 38 CSS3 Float
- 39 CSS3 Images
- 40 CSS3 Pagination
- 41 CSS3 Buttons
- 42 CSS3 Responsive
- 43 CSS3 Animations
- 44 CSS3 Drop-downs
- 45 Introduction to Bootstrap
- 46 Bootstrap Basics
- 47 Bootstrap CSS
- 48 Bootstrap JS
- 49 Introduction to Javascript
- 50 Javascript Basics
- 51 jQuery, JSON



Real- Time Projects on HTML,CSS,Javascript

MongoDB (Duration: 20 Hours)

-
- 52 Introduction to MongoDB
 - 53 MongoDB Environment
 - 54 MongoDB Create Database
 - 55 MongoDB Drop Database
 - 56 MongoDB Create Collections
 - 57 MongoDB Drop Collections
 - 58 MongoDB Read Operation
 - 59 MongoDB Write Operations
 - 60 MongoDB Data Modeling
 - 61 MongoDB Administration
 - 62 MongoDB Security
 - 63 MongoDB Schema
 - 64 MongoDB Indexes
 - 65 MongoDB Storage
 - 66 MongoDB Replications & Sharding

ExpressJS(Duration: 10 Hours)

-
- 68 Introduction to Express Framework
 - 69 Getting Started with Express Your first Express App
 - 70 Express Routing - Implementing MVC in Express, Middleware- Using Template - Engines
Error Handling - API Handling - Developing Template Engine - Using Process Managers
 - 71 Security & Deployment

React JS (Duration: 29 Hours)

-
- i. React Introduction

- 72- ii. Install node
- 75 iii. Create an app using create-react-app
- iv. Understanding basics of react app
- v. Understanding JSX
- vi. Understanding virtual DOMS, Single page apps
- 75- i. React Lifecycle
- 77 ii. States
- iii. Class components vs functions components
- iv. Event handling
- v. Props
- vi. Building a basic Forms using React
- React JS –Part2**
- 78- i. Routes
- 80 ii. Conditional Rendering
- iii. Pure Components
- iv. High Order components
- v. Controlled vs Uncontrolled components
- 81 i. Redux
- ii. Babel, webpack
- iii. Add Redux in a Project and build using webpack
- 82 i. Creating a Mock API Server
- ii. Axios.
- iii. Server-Side Rendering
- Real- Time Projects on React**
- Node.js (Duration: 29 Hours)**



LEARNING360^o
ACADEMY

-
- 83 Getting started
 - 84 Node Core
 - 85 mongodb node modules
 - 86 Connecting Node.js to Database
 - 87 REPL Terminal
 - 88 Callbacks Concepts
 - 89 Event Loop
 - 90 Event Emitter
 - 91 Buffers & Streams
 - 92 Web modules
 - 93 Web Sockets
 - 94 Body parser
 - 95 Debugger
 - 96 Payment Gateway
 - 97 E-mail validation
 - 98 SEO, DNS,HOST,SMTP Basics
 - 99 GitHub
 - 100 Heroku
 - 101 **Real- Time Projects on MERN Stack**
-

www.learning360.in

+91 9324993802 | Email: enquiry@learning360.in

309, 6th Floor Shivkripa Premises, Above Waman Hari Pethe Jewellery Shop, Ghokle rd.,

Opp. Thane Railway Station, Thane – West P-400604
Facebook/Instagram Handle: @learning360.academy

