

Node Js

Duration : 32 Hrs

Pre-Requirement :

- Html
- Javascript

Node Js Topic

Topics	Details
Introduction and Installation	<ul style="list-style-type: none">• NodeJS Introduction• NodeJS Installation• NPM• NodeJS Template engines
Client - Server Architecture	<ul style="list-style-type: none">• The Role of REST APIs• Benefits of the MEAN Stack
NodeJS Basics	<ul style="list-style-type: none">• Understanding the flow of request• Working on responses and requests
Setup Development Environment	<ul style="list-style-type: none">• Install Node.js on Windows• Working in REPL, Node JS Console
Node JS Modules	<ul style="list-style-type: none">• Functions, Buffer, Module• Core Modules, Local Modules• Modules Types• Modules Exports
Node Package Manager	<ul style="list-style-type: none">• What is NPM, Installing Packages Locally• Installing package globally• Adding dependency in package json• Updating packages
Express Basics	<ul style="list-style-type: none">• Hello World in Express• Creating Routes and responding• Sequencing Responses by routes• A Small REST API Example.• Configuring Routes• Working with Express

MongoDB Introduction	<p style="text-align: right;">2</p> <ul style="list-style-type: none">• Set up mongodb• Install Mongo Client• Important MongoDB Queries• Install mongoose for NodeJS• Extending the REST API example to use databases
Views in Express	<ul style="list-style-type: none">• Understanding the express views.• Utilizing views to render the data.• Handling forms in express.• Putting it all together in a project.

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