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Node JS Certification Course

Email Contact: info@educba.com



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Course Overview

In this Course you get to learn:

You get to learn various Javascript frameworks such as Node JS, Express JS, Grunt JS in detail from scratch and also web development using Node JS and Mongo DB.

Here we will be learning about a scripting language that uses JavaScript to perform the required task in server.

Node JS Course Skills

You get to learn about the below skills:

You will find all the topic that comes under fundamental of Node JS through the topics that are considered in the advance Node JS topics. We have to make sure to keep the learning as simple as it could be so that one can learn this technology very easily.

Course Features



Course Duration-
17+ Hours



Number of Courses



Verifiable
Certificates



Lifetime Access



Technical
Excellence

About Node JS

Node JS can be defined as a run time environment that facilitates the execution of JavaScript code.

It is open source and can run in several operating systems like Windows, Linux, MAC OS and so on.

It is used to run the JavaScript in the server and also let the application work with the database.

The way to code in Node JS is like JavaScript and the only thing that you will find different from usual JS code is, the way it can be written.

Node JS Certification Course

This is a Bundle Course that includes complete in-depth Become Node JS Certification Course combined into one Complete Course.

This Bundle perfectly meets the requisite of the industry and gives you a better chance of being hired as Node JS Certification professional.

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Node JS

Section 1 . Class Methods and Events

- Understanding Class Methods
- Binding the Event

Section 2 . Callbacks and Event Loops

- Event Emitters
- Practicals- Callbacks and Event Loops
- Event Driven Programs
- Callback Concepts

Section 3 . Node.js Concepts

- Looking at Practicals
- Node Package Manager
- REPL Terminal
- Creating a Http Server

Section 4 . Node.js frameworks

- Users of Node.js
- What is Node.js Framework

Section 5 . Buffers

- Creating and Writing Buffers
- Reading Buffers
- Buffer Methods
- Comparing Buffers
- Slicing Buffer
- Methods Reference and Class Methods

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Node JS

Section 6 . Streams

- What are Streams
- Writing Streams
- What are Piping Streams
- Piping and Chaining Streams

Section 7 . File Systems

- Synchronous vs Asynchronous Forms
- Accessing and Writing File data
- Reading and Closing Files
- Truncating and Deleting Files
- Creating Directory
- Reading and Removing Directory

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Express JS

Section 1 . Introduction

- Introduction to Express JS

Section 2 . Set Up

- Express JS Environment Setup

Section 3 . Routers and URL Building

- Express JS Routers
- Express JS URL Building

Section 4 . ExpressJS-Templating

- ExpressJS Templating
- More on ExpressJS Templating
- Templating Example
- Dynamic PUG
- ExpressJS Templating Include

Section 5 . ExpressJS StaticFiles

- ExpressJS-StaticFiles

Section 6 . ExpressJS-Form Data

- ExpressJS Form Data

Section 7 . Cookie Parser

- Initializing Cookie Parser
- Examples on Cookie Parser
- Creating Session Cookie
- Session Index

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Express JS

Section 8 . Authentication

- Authentication Process
- Authenticating Index
- Login In And Credential

Section 9 . Scaffolding

- Building Applications
- Running Bower Install
- Handling Error States
- ExpressJS Module for Debugging
- Directory Structure
- Resources for References

Section 10 . Rest API

- Understanding Rest API
- Rest API with JSON Data
- Running Curl Command
- Checking with Curl Command
- Examples on Post Method
- Post Routing
- Deleting or Removal of Movie

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Grunt JS

Section 1 . Introduction

- Authentication Process
- Authenticating Index
- Login In And Credential

Section 2 . Getting Started

- Package.json File
- Function Grunt
- Navigating Project
- Grunt Cache Bust

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Web Development using Node JS and MongoDB

Section 1 . Introduction

- Introduction to Web Application and Mongo DB

Section 2 . Installation

- Movie Application Structure

Section 3 . Movie Application Implementation and Implementation

- Movie Application Implementation
- Movie Application Implementation Example
- Creation View using Web Application

Section 4 . Editing Data and Delete Action

- Editing Data in NodeJs
- Deleting Data in NodeJs
- Node JS Delete Action using AJAX

Section 5 .Image Upload

- Image Upload
- File Upload
- More on File Upload
- File upload to Mongo DP
- Adding Get Poster
- Replace Update Function

Section 5 . Edit Data

- Edit Date
- Update Data

Section 6 .Validation of Data

- Validation of Data
- Editing Finish

Section 7 .Front View

- Front View
- Front View Implementation
- Rating Implementation

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Web Development using Node JS and MongoDB

Section 8 . Review

- Review Collection Creation
- Review Dialog start
- More on Review Dialog start
- Review Dialog implementation
- Review Save

Section 9 . Showing Review and Review Count

- Showing Review
- Review Count
- Review Count Admin
- Review Count Link
- Review List Page in Admin
- Delete Review
- Likes-Dislikes Icon in Review List Page
- Editing Functionality Finish
- Like Dislike Count
- Menu Management

Section 10 . Add Menu


- Add Menu
- Selection Menu Type
- Movie Data Variable
- Adding More Fields
- Create Save Menu Action
- Menu External Link
- Menu Management Table

Section 11 . Edit Menu

- Edit Menu
- More on Edit Menu
- Fetching Data From Movie Collection
- Information in Menu Type
- Functions in Add Menu
- Working on Menu ID
- Data in Management Page
- Delete Functionality

Section 12 . Menu in Page

- Implementing in Menu Management
- Populating the Menus
- Movie CMS and CMS Action
- Variables for Menu Name
- Working on Movie Action
- Page for Movie Information
- Creating Function in For Loop
- Implementing on Movie Menu
- Handling Request
- Defining Command in Package



Frequently Asked Questions

Why should we learn Node JS?

Well, there could be several answers to this question. You can learn Node JS if you want to learn how the JavaScript code could be deployed in the backend to generate the required outcome or to solve the complex problem. If you want to learn some other interesting technology than in that case also Node JS could be the best option to go with.

How long should it take to be a node JS savvy?

To master Node JS you may require to devote at least two months which is a standard time. If you already have working experience with JavaScript, you may learn things within a short span of time. But if you are new to this, you will take even more than two months to master Node JS. Be advised, the time may vary based on how many hours you devote on a daily basis to learn this technology.



Customer Reviews

“

This course is great for someone who has absolutely no idea about node JS, the instructor/trainer has done great in explaining all of the concepts needed to jumpstart working on node js. I would recommend it to anyone who is looking to delve into the world of Javascript for frontend and backend. Thank you EduCBA for this course

Elias Bourgess

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This course was all about learning through hands-on experience. Delve into the fundamentals of Grunt, like learning about Grunt plugins and Node commands. Those tasks you see on the web can be installed and they are ready for use. Imagine an environment where you can become an expert on the topic that interests you through interactive videos and insight from excellent professors.

Loukas Anastasiou



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