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Mean Stack Course

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Course Overview

In this Course you get to learn:

You get to learn a complete full-stack application development toolkit i.e. MongoDB, Express.js, AngularJS, NodeJS, NOSQL.

When your intention is to build an application from scratch with consistency and standardized output you should opt for a relatively new stack i.e. MEAN.

MEAN stands for MongoDB, Express.js, AngularJS, and NodeJS. MEAN is all in one approach perfectly suited for cloud-ready applications.

Mean Stack Course Skills

You get to learn about the below skills:

From languages (server, client-side) to scripting and from databases to data modeling techniques and the list continues.

There are several inter-related skills built into the highlighted one. Below we have listed them in details –

NoSQL and NoSQL Data Model

Mongo DB

MEAN stack development

Web development

Node JS, Express JS, and Angular JS

Semantics understanding and other

Course Features



Course Duration-
27+ Hours



Number of Courses



Verifiable
Certificates



Lifetime Access



Technical
Excellence

About Mean Stack

MEAN is a free and open source resource well suited for building dynamic websites and web applications.

MEAN technology assembles these JavaScript technologies altogether for the development of web application.

Mean Stack Course

This is a Bundle Course that includes complete in-depth Become Mean Stack 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 Become Mean Stack professional.

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MEAN Stack Development

Section 1. Introduction

- Introduction to MEAN Stack Development
- Benefits of Mean Stack vs Other Full Stack Technologies

Section 2. Installation

- Installation

Section 3. Classic Javascripting, HTML and CSS

- Introduction to Javascript
- Using External File and Looping
- Using Forms and Functions
- Using Json and Object Array
- JavaScript Using CSS

Section 4. NodeJs Scripting

- Node Js Installation
- Intro to Node Console and NPM
- Node Js Intro Create Server
- Node Js Url Module
- Node Js Async Calling
- Node Js Event Module
- Node Js Express Module
- Node Js Rest Apis
- Node Js Excel Handling

Section 5. MongoDB

- MongoDB Download
- MongoDB Installation
- Introduction to MongoDB Shell
- Inserting Documents Into Collection
- Connecting to MongoDB Inside Nodejs Application
- Connecting to MongoDB Inside Nodejs Application Continue
- Building a complete CRUD
- REST Service Using Node and MongoDB

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MEAN Stack Development

Section 6 . Crud App

- Using Angular Js For Crud App

Section 7. Latest Angular Version

- Introducing Latest Angular Version
- Angular Routing

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NoSQL Fundamentals

Section 1 . Introduction

- A Brief History of NoSQL
- Schema Agnostic
- Nonrelational
- Enterprise NoSQL
- Recent Trends in IT
- NoSQL Benefits and Precautions

Section 2 . NoSQL Database Design and Terminology

- Break Continue Example
- Break Continue Description
- Looping Statements Examples
- Conditional Statements
- Conditional Statements Description

Section 3. NoSQL Database Design and Terminology

- Managing Different Data Types
- Triple and Graph Store
- Hybrid NoSQL Databases
- Applying Consistency Method
- Choosing ACID or BASE?
- Developing Application on NoSQL
- Semantics
- Public Cloud

Section 4. Common Features of key Value Stores

- Managing Availability
- Versioning Data

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The Ultimate Web Development Training

Section 1 . Introduction

- Working With Data MongoDB
- Viewing Available Databases
- Using Dot Notation
- Retrieving a Single Document
- Grouping Your Results
- Working with Conditional Operators
- Specifying an Array of Matches
- Searching Multiple Expressions
- Filtering Results
- Matching Entire Array
- Leveraging Regular Expressions
- Appending a Value to a Specified Field
- Removing Elements From an Array
- Using Update if Current Method
- Renaming a Collection

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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 6. Edit Data

- Edit Data
- Update Data

Section 7. Validation of Data

- Validation of Data
- Editing Finish

Section 8. Review

- Front View
- Front View Implementation
- Rating Implementation

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Web Development using Node JS and MongoDB

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

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Web Development using Node JS and MongoDB

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

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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

Section 8. Authentication

- Authentication Process
- Authenticating Index
- Login In And Credential

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Express JS

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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Angular JS

Section 1. Application Architecture

- How to build MVC application
- Factory and services
- Creating a module
- Modules and Routes
- Modules in Angular JS
- Scope integration between View and controller application
- Scope integration between View and controller
- Model view and Controller from Angular JS perspective
- Recap of building blocks continues
- Recap of fundamental building blocks

Section 2. Fundamental Building Blocks

- Filter Application
- Directives Application
- Fundamental building blocks- Directives

Section 3. Getting started with AngularJS

- Hello world with Angular JS
- Loading the library(Bootstrap)
- Downloading Angular JS
- How to load AngularJS?
- Meaning and importance of AngularJS

Section 4. Basics of AngularJS

- Application example
- Course outline
- Required softwares
- About the course

Section 5. Introduction

- Introduction to AngularJS

Section 6. Debugging Application

- Debugging in FireFox with FireBug
- Chrome Debugging

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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

Section 4. Buffers


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

Section 5. Streams

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

Section 6. 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



Frequently Asked Questions

Why MEAN Stack?

As we have said the MEAN technology is widely used and has a huge demand in the IT industry. Also, the MEAN course has several related technologies associated which are going to be very helpful for candidates interested. You will get a set of four integrated courses along with MEAN – i.e. MongoDB, ExpressJS, AngularJS, and Node.JS altogether for JavaScript application.

Do I need to be a programmer to take this MEAN course?

No. We have designed this Mean Stack Training Certification keeping freshers and degree students in mind. Thanks to highly qualified instructors, you do not need to be a programmer but you must be someone who loves and enjoys programming as though the MEAN course has lots of programming work.



Customer Reviews

“

I am just starting to learn about SQL. This NoSQL course is my first and there was a lot to learn. I am glad that the instructor was clear and concise in the videos and she was very informative. I liked how she made the material easier to understand. I was worried that being a beginner would make it difficult to follow all the material, but the instructor made it easy for a beginner like me.

Linked

Grant Eric

”

This programming has great importance corporate arena ...its usage is growing at rapid pace .educba has taught this program tremendously .from very scratch they started and very height, to the benchmark of working corporate level they have taken us altogether. I must appreciate the endeavour they are putting in creation of such useful videos. Keep us updating with recent technology software change ..thanks educba.

Ashutosh Kumar



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Mean Stack Course

For Queries please contact:

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