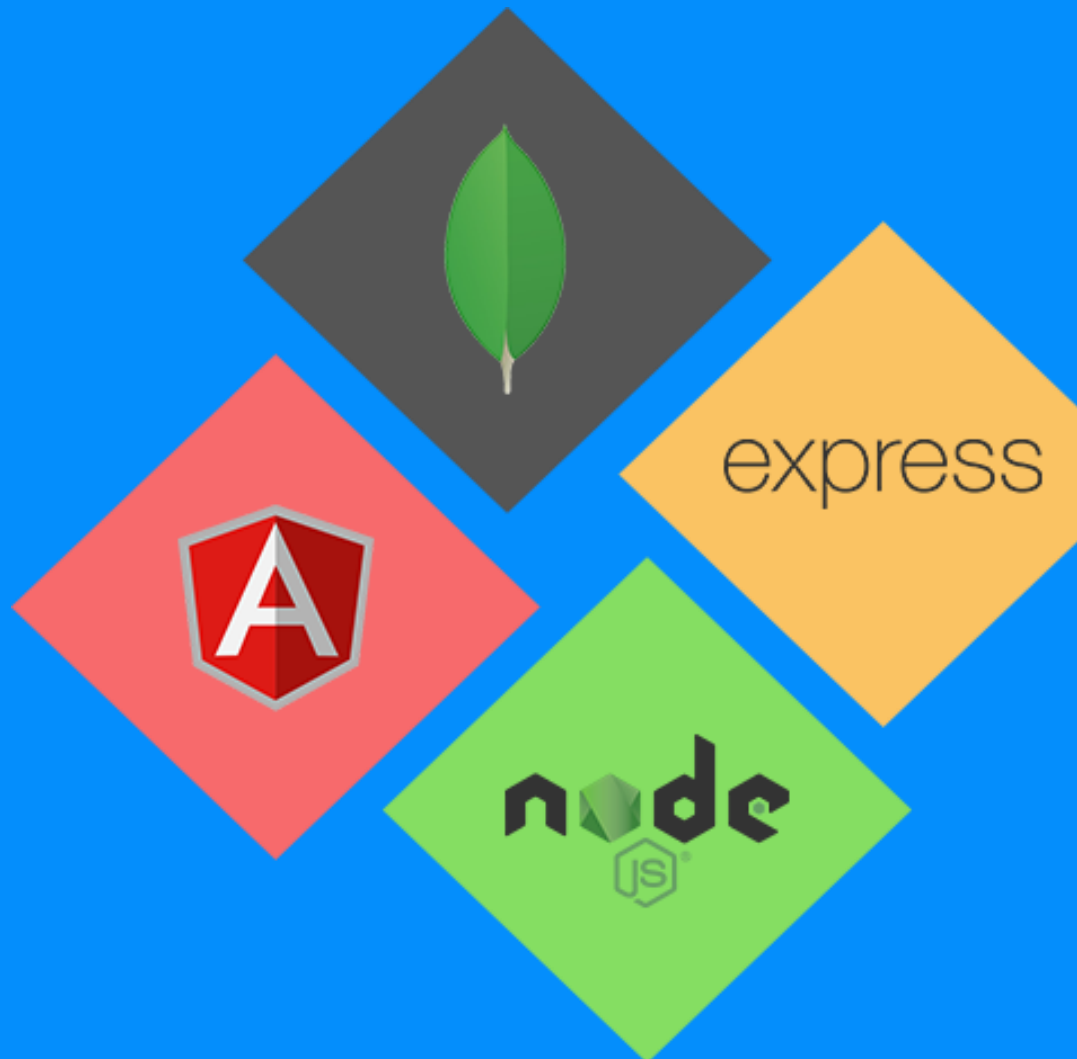


Extensive Hands-on, Job Ready Master Class

MEAN Full Stack Development Masterclass



Overview

In this course, you will learn to build a full stack web application using Node.js, AngularJS, Express.js and MongoDB. It will be a hands-on project-based course. By utilizing popular NPM modules and angular components we will build out our application to include the following functionality: upload capability, web scraping, infinite scrolling, single look detail pages, an admin area, a comment section, CRUD capabilities, and more.

We will be using Javascript on both the frontend and backend. And by using MongoDB as our database, we are able to make use of familiar JSON syntax.



Course Duration:

- 1.5 Weeks/07 Days
- 50 Hours
- 8 Hours a Day



Prerequisites:

- Basic understanding of programming
- Laptop with 4 GB of Ram



Learning Format:

- Digital Whiteboard
- Online/Physical Classes
- Interactive Live Classes
- Course Material
- Interactive Quizzes
- Practical Sessions



Hands-On Tools:

- Node.js
- AngularJS
- Express.js
- MongoDB.



Class Interactivity:

- Live Q&A Daily
- Dedicated Teaching Assistants
- Digital White Board



Trainers Background:

- Working Professionals
- Master of their domains

Module 1: All-in-One Javascript Development Suite

Module Project Javascript

What will be the hands-on?

Learn how to code in javascript and implement a short code in javascript.

Learning Outcome

Lesson 01

Javascript Development

- Fundamentals of JavaScript
- JavaScript for Beginning Web Developers
- JavaScript for Absolute Beginners
- Fundamentals of jQuery
- Fundamentals of Ajax Development



Module 2: All-In-One HTML/HTML5 and CSS/CSS3 Suite

A picture is better than thousand words, this module will be true depiction of the highlighted quote. Describing and visualizing data in summarized way is an art, which is considered as the foundation of the Data Science and Machine Learning. By end of the module, participants will have hands-on expertise that how you do in depth data exploration in python.

Module Project HTML/HTML5 and CSS/CSS3

What will be the hands-on?

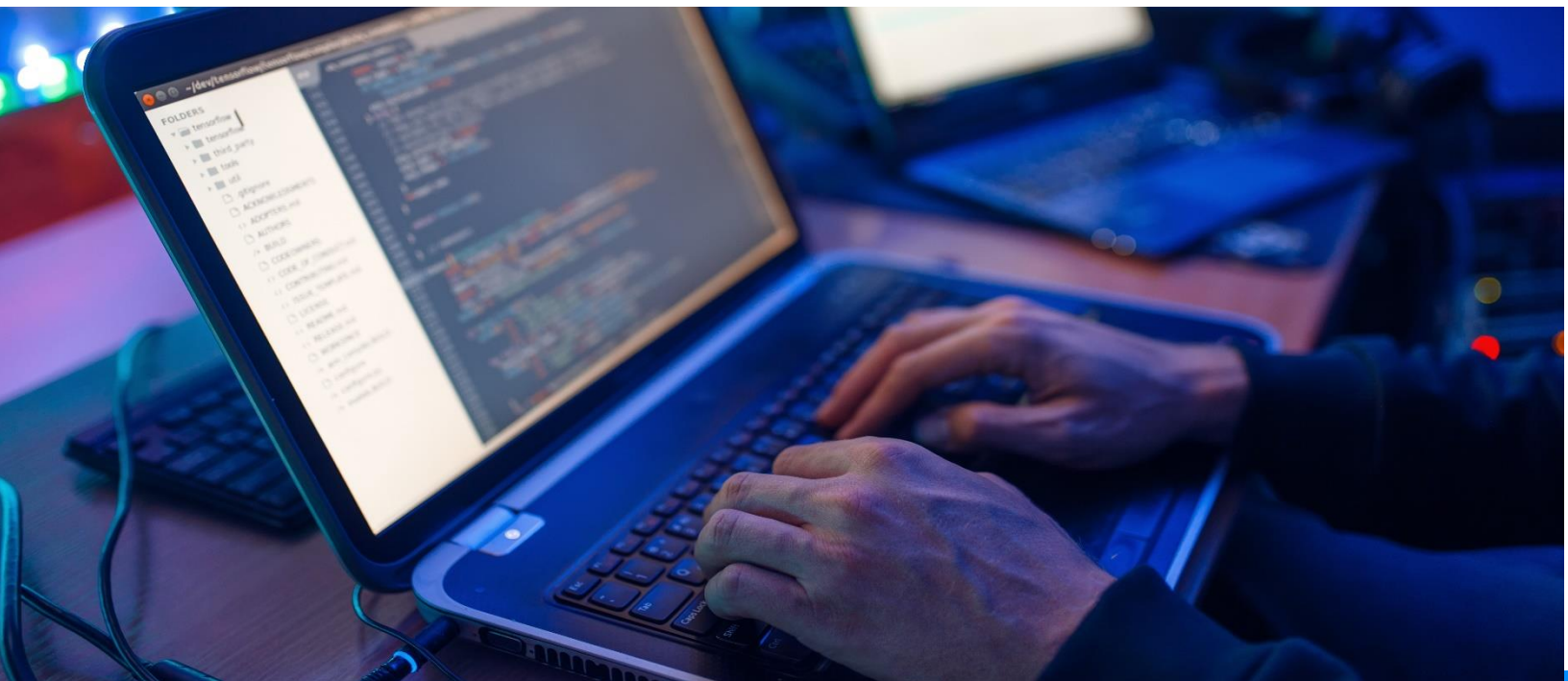
Learn how to code in HTML/HTML5, CSS/CSS3 and implement a short code.

Learning Outcome

Lesson 01

HTML/HTML5 and CSS/CSS3

- All-In-One HTML/HTML5 and CSS/CSS3 Suite
- Applying Designs to WireFrames with HTML5 and CSS3
- Build Your Own HTML5 Video Player
- Building Responsive Websites with HTML5 and CSS3
- HTML5 and CSS3 Site Design
- HTML5 Mobile Game Development by Example - Educational Game
- HTML5 Mobile Game Development by Example - Veggies vs Zombies
- Make HTML5 Games with No Coding Required
- Understanding HTML5 Input Types
- Website Wireframing with HTML5 and CSS3



Module 3: Node.Js Training

Module Project

Node.Js

What will be the hands-on?

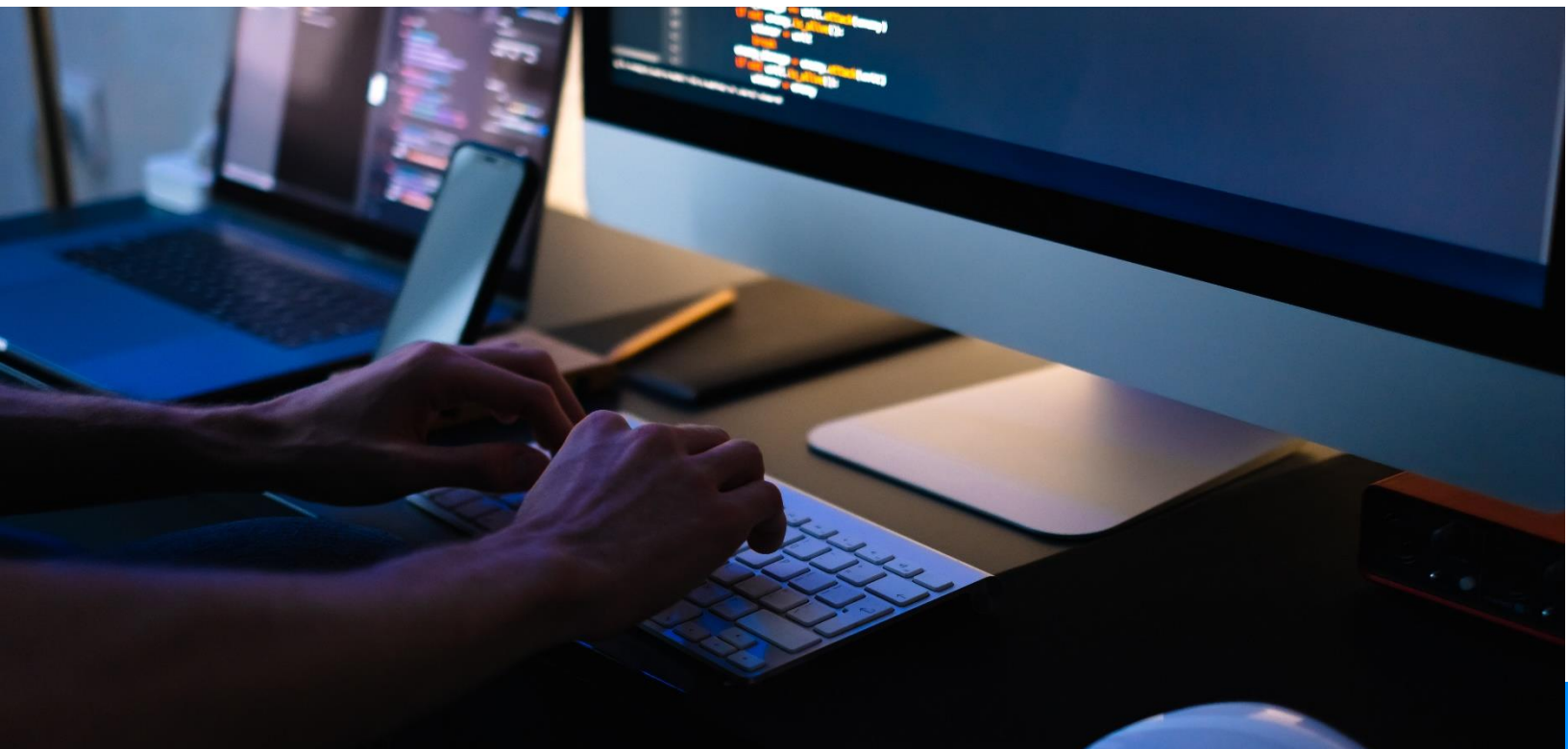
Learn how to code in Node.js and implement a short code in Node.js.

Learning Outcome

Lesson 01

Node.Js

- Introduction and Foundation
- Node Projects
- Working with shrink-wrap to lock the node modules versions
- Working with asynchronous programming
- Building a HTTP Server with Node.JS using HTTP APIs
- File System
- Buffers, Streams, and Events
- Multi-Processing in NodeJS
- ExpressJS
- Express JS with MongoDB and Sqlite
- Socket.io, The Front-end, and A Chat App
- Introduction to Task Managers with unit testing



Module 4: Angular Training

Module Project

Angular

What will be the hands-on?

Learn how to code in Angular and implement a short code in angular.

Learning Outcome

Lesson 01

Angular

- What is a SPA? What is Angular?
- Preparing for TypeScript
- Angular-4 new features
- Building with A4 Components
- Bootstrap Scaffolding
- Angular 4 Binding and Events
- Dependency Injection and services
- Directives
- Pipes
- Forms
- HTTP, Promises, and Observables
- Testing

Module 5: SQL

Module Project

SQL

What will be the hands-on?

Learn how to code in SQL and implement a short code in SQL.

Learning Outcome

Lesson 01

SQL

- Rational Databases
- SQL Querying
- Your First Queries
- Filtering Your Results
- Consolidating Your Data
- Grouping Your Data
- Joining Tables
- Subqueries
- Manipulating Your Data
- Transaction Control
- Creating Database Objects and Adding Business Logic

Our Classroom Experience



Assignments & Quizzes

Ensure hands-on understanding of concepts learned during the training by hands-on quizzes & assignments.



Get access to lectures after training

Once you took training with us, you may simply go back to the classes to brush up on concepts anytime.



Networking

Explore & network with other industry experts and students, connect with technical mentors and discover in real-time how to solve the challenges.



Industry oriented project

Build your skills through industry-oriented projects. Get personalized feedback from our industry experts.



Mentorship by Industry Experts

Get 1:1 guidance from our experts and get help with your unique learning plan & career tracks you should follow.

Our Classroom Experience

Real World Projects

Any learning which can't be related to real world problems become obsolete at the end of the day. To give a real-life experience to training participants, our training material covers at least 1-2 real world problem solving using MEAN Stack.

Extensive Hands-on

Our training has a very unique blend of hands on and theory. Our trainings consist of 70% hands on and 30% theory, which helps participants to do minimum work after the class.

Teaching Assistants for the Training

In every training there will be 2 teaching assistants along with the main trainer. Who will help participants to complete their assignments or project in 1-1 sessions?

Whats App Groups

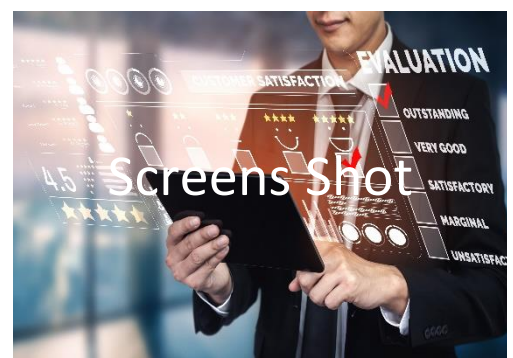
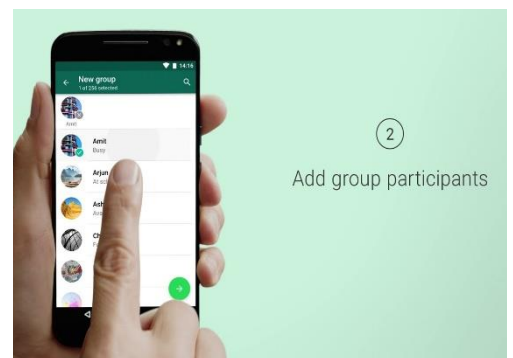
WhatsApp has become an integral part of our life just because of its ease in communicate. Every training cohorts will be governed by Whats App Group, where TAs will be available to answer the questions at any time of the day during the training period.

Limited Size of Class

In order to maintain the quality of training, our any of the training cohorts wouldn't have more than 30 participants in class. Which allow trainer and TAs to give adequate time to every student in the class.

Participant Assessment of participants

Sponsor of the training cohorts will be provided with a detailed report about the participants and their ranking within the class so that their employer can select and route the training investment to right candidates in future.



FAQs

Who should attend the course?

Graduate/Masters Students and working professionals with ICT background

What is the timing of the course?

Duration: 1.5 weeks and 50 hours
Class Days: Weekdays (Mon – Fri)

How much hands-on will be performed in this course?

Since our courses are led by Industry Experts so it is made sure that content covered in course is designed with hand on knowledge of more than 70-75 % along with supporting theory.

What are the PC requirements?

For this course, you need to have a PC with minimum 4GB RAM.

Will I get a certificate after this course?

Yes, you will be awarded with a course completion certificate by Dice Analytics. We also keenly conduct an annual convocation for the appreciation and recognition of our students.

Can I get a job after this course?

Since our instructors are industry experts so they do train the students about practical world and also recommend the shining students in industry for relevant positions.