



# MEAN SYLLABUS

## INSTALLATION AND SETUP

- The Course Overview
- Setup and Installation – Node.js
- Installing Angular CLI
- Installing MongoDB

## BUILDING USER INTERFACES WITH ANGULAR

- Frontend and Single-Page Application
- Generating an Angular Project
- Project Structure Overview
- Our First Angular Component
- Templates
- Events and Bindings
- Custom Events and Bindings
- Services
- Two-Way Data Binding
- Forms

## BUILD SERVER-SIDE WITH NODE.JS

- Introduction to NodeJS
- Hello NodeJS
- Modules and Require
- Creating a Module
- NPM and External Modules
- Synchronous versus Asynchronous
- Creating an HTTP server

## BUILDING APIS WITH EXPRESS

- RESTful Services
- Creating a Server
- GET Method
- Nodemon

- POST Method
- PUT Method
- DELETE Method
- Cleaning Up

## MANAGING DATA WITH MONGODB

- Installing Mongoose
- Models
- Create a Record
- Get a Record
- Edit a Record
- Delete a Record

## PUTTING IT ALL TOGETHER

- Building the Frontend
- Building the Backend
- Connecting the API