



SKILLIO

Weekly Plan

MEAN Stack

- 1 Introduction to MEAN
- 2 Introduction of MEAN - Architecture
- 3 Install Node & the Angular CLI
- 4 MEAN Project Setup
- 5 Module Introduction
- 6 Understanding the Folder Structure
- 7 Understanding Angular Components





- 1 Installing and understanding Angular material
- 2 Add toolbar using Angular material
- 3 Adding Component, module using terminal
- 4 Adding Forms
- 5 Getting Posts from Post-Create to Post-List

- 1 Understanding 2 types of Angular form
- 2 Git
- 3 Introduction to Nodejs
- 4 Introduction to RESTful API
- 5 Connecting Node & Angular





- 1 CRUD Operation without api
- 2 Build Data Model
- 3 Adding the Express Framework
- 4 REST API
- 5 Introduction to MongoDB
- 6 Introduction to Mongoose



**Practical exam based on
four week learning**



Exam



(Nodejs understading)

- 1 Fetching Initial Posts
- 2 Using the Angular HTTP Client
- 3 Understanding CORS
- 4 Adding the POST Backend Point

- 1 Setting Up MongoDB
- 2 Comparing SQL & NoSQL
- 3 Understanding Mongoose Schemas & Models
- 4 Connecting our Node Express App to MongoDB
- 5 Understanding CORS





- 1 Introduction HttpClient module
- 2 connect Angular to backend (API)
- 3 Adding the File (images) Input Button
- 4 Updating Posts with Images
- 5 Update/delete Image Uploads to our App

- 1 Adding the Signup / Signin Screen
- 2 Adding router guard
- 3 Sending the Token to the Frontend
- 4 Adding Middleware to Protect Routes
- 5 Add interceptor
- 6 Redirecting Users





**Practical exam based on
four week learning**

Exam

- 1 Testing Different Places to Handle Errors
- 2 Adding an Error/success Dialog
- 3 Returning Error Messages on the Server





- 1 Adding pagination
- 2 Third party API integration like twilio, firebase

- 1 Simple order-management application
- 2 Deploy on heroku





**Practical exam based on
complete course learning**

Exam



Congratulations!

You have successfully completed this course!