



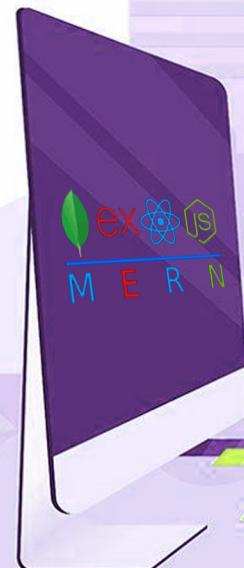
LUMINAR  
TECHNOLAB

KOCHI | CALICUT

# MEA(R)N FULL STACK

## WEB DEVELOPMENT

Angular & React



# About

Dive into MEA(R)N Full Stack Web Development with the best ME(R)N Stack Training Institute in Kochi and Calicut. Master MongoDB, Express.js, Angular, and Node.js to craft dynamic web applications. Elevate your skills and shape the future of technology. Your journey to becoming a proficient full stack developer starts here.

## Course Features



**Duration**  
6 Months



**NACTET**  
Certified by National Council  
for Technology & Training



**Interview preparation**



**IAO's ACCREDITATION**  
Luminar Technolab has been  
awarded full accreditation by IAO



**Experienced Faculty**



**Top-Notch Infrastructure**



**100% Placement  
Assistance**

# Our Team



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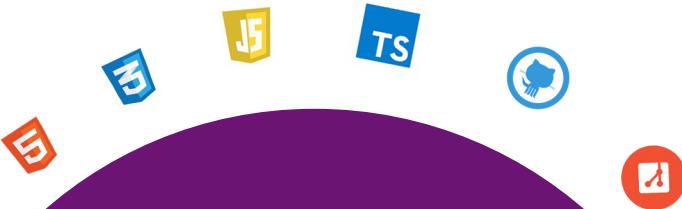


**SARATH M**  
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# COURSE SYLLABUS

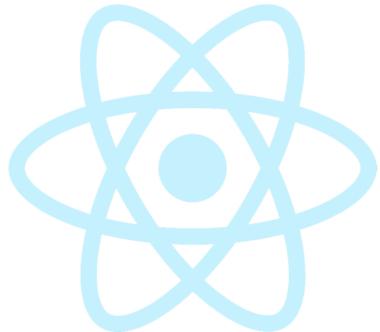
## Module 1 WEB COMPONENTS

HTML  
CSS  
Bootstrap  
JavaScript  
TypeScript/ES6  
Basic web concepts  
Advanced Web Concepts  
Git & Github  
Capstone Project



## Module 2 REACT

Introduction  
Install  
How to set up a project  
React Introduction  
Environment Setup  
Features  
JSX  
Components  
Rendering Lists  
Conditional rendering  
State and Props  
Component lifecycle  
Forms  
Controlled components  
Consuming rest apis via Axios  
Events  
Routing – React router  
state lifting  
context api  
Redux  
Capstone Project.



## Module 3 NODE JS

Introduction

Install

How to create a nodejs app

how to create a nodejs server

sending basic requests and responses

Node Package Manager (NPM)

Callbacks concept

Event-driven programming concepts

Event loop

File system

Global objects

process variables

Rest API through Nodejs

How to scale a nodejs application.





## Module 4

# Express

Introduction

Install

Routing

HTTP Methods

URL Building

Middleware

JSON web token

Multer

Static files

Express with Database (MongoDB)

Mongoose

Authentication

Rest APIs

Error handling

Best Practices

## Module 5



Introduction

install

Data modelling

Create Database

Limit

Sort

find() method

crud operations

Create Database & Collections

Drop Database & Drop Collection

Datatypes

Aggregation- lookup

Deployment

Mongodb with Nodejs

## Module 6



Introduction

Install

How to set up a project

Angular CLI

Components and modules

Data binding

decorators and Directives

Pipes

Routing

Services

HTTP Client

template driven

reactive Forms

rest api handling

guards

Capstone Project



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