

React With MERN stack web development

Hello,

Please check below details.

Batch Duration : 3.5 to 4 Months(Complete Online)

Days : Saturday & Sunday.

Timing : 9:00 to 12:00 PM

All the sessions are conducted in LIVE format.

Prerequisite for the batch : या batch मध्ये लागणाऱ्या सर्वगोष्टी अगदी basics पासून शिकवल्या जाणार असल्याने कुठल्याही गोष्टी आधीपासून येण्याची गरज नाही. IT किंवा NOT IT सर्व विद्यार्थ्यांनी मेहनत घेण्याची अभ्यासात सातत्य राखण्याची तयारी ठेवावी.

Contents covered in this batch:

Complete batch is divided into 8 different modules as

Module 1 : Basics of HTML5 and CSS3

HTML - Introduction

HTML - Basic

HTML - Attributes, Headings, Paragraphs , Styles , Comments

HTML - Colors , CSS, links , Images , Tables , Lists , Div.

HTML - Forms (elements)

HTML - Exercises.

CSS - Introduction

CSS - Basics

CSS - Syntax, How to , Comments , Colors , backgrounds , Borders

CSS - Margins, padding , Height/Width , Box Model , Texts , Fonts.

CSS - Buttons, Style Images.

Responsive Designs:

Using Media Queries.

CSS - Exercises.

Once Module is Completed we can take HTML, CSS based projects.

Module 2 : Basics of JavaScript Programming language

Introduction to JavaScript

Features of JavaScript

JavaScript - Setup

JavaScript - Output , Syntax, Comments

JavaScript - variables

JavaScript - Let & Const

JavaScript - Operators

JavaScript - Data types

JavaScript - Functions

JavaScript - Objects

JavaScript - Strings

JavaScript - Arrays

JavaScript - Numbers

JavaScript - TypeOf

JavaScript - If - else , Switch

JavaScript - Loops: For, for-in, for-loop, While , Break.

JavaScript - Scope

JavaScript - Hoisting

JavaScript - functions (Call, Apply , Bind)

JavaScript Advanced Topics :

JavaScript Callbacks

JavaScript Closures

JavaScript Promises

JavaScript Async-await

JavaScript Map, Filter , Reduce

JavaScript This Keyword

JavaScript Event loop

JavaScript ES6 :

JavaScript ternary operator

JavaScript Spread operator

JavaScript Destructuring

JavaScript Arrow functions

JavaScript IIFE

Once Module 1 and Module 2 Completed We covered Projects based on HTML, CSS , Javascript.

Module 3 : Introduction to web development

Introduction to web development

Client - server Architecture in web development

Client- side and server side technologies used for web development

Introduction to Document Object Model

Components of MERN stack developments

MongoDB as Document based NoSQL database

Express as backend

React as Client side framework

Node as Server side framework

Module 4 : React Web development

Installation of React

How to Create React Components

React Components use and benefits

What is JSX- Why JSX, Rules of JSX

React Props and State

React Events

React Event handling

React Conditional Rendering

React List and Keys

React Styling and CSS basics

React basics of Form handling

Basic of React interview questions

Introduction to Bootstrap

Installation of Bootstrap

React Hooks : introduction to Hooks

React useState

React useEffect

React useCallback

React useMemo

React useRef

One Project Based on React.js

React Interview questions.

Deploying React application using Amazon web services

Introduction to Amazon web services

Amazon S3

Unit testing of React application

Module 5: Introduction to Server-side web developments using Node.js and Express.js

Introduction to Node.js

Installation required for Node

Application development in node

API writing in node

Express Server Setup

Server side Node setup

Services and method writing in Node

Connection of React and Node application

Module 6: Introduction to MongoDB

Introduction to Nosql

Concept of database and data manipulation

MongoDB architecture and its use

Installation of MongoDB and use of Mongodbs Compass

Accessing database through mongodb atlas

CRUD operations

Connection of node application and mongodb

Module 7: Industrial Project development

Final Project development using React

Deployment of React project using Amazon web services

Deployment of react project using Firebase

Introduction to GIT

Steps to create GIT repository

MERN stack (Full Stack) Project

Module 8: Resume as Full stack web developer

At the end of the batch, we prepare a resume for React :

Web developer and Full Stack web developer.

**For more information please call admin 9766687684.
If your call is not received then please drop one message will
call you back.**

Note:

- :- Only limited seats are available
- :- Fees are non refundable and non transferable in any case.

Regards,
Team Elementrix