MERN STACK DEVELOPMENT

MODULE 1 - Basics of Web Components

HTML, CSS, GIT, JavaScript / ES6, TypeScript, Bootstrap.

MODULE 2 - REACT JS

Introduction, Install, How to set up a project, React Introduction, Environment Setup,Features, Angular vs ReactJS, JSX, Components, Functional component, Class component, Rendering Lists, Conditional rendering, State and Props, Component lifecycle, Forms, Controlled components, Consuming rest apis via axios, Events, Routing - React router, Redux

MODULE 3 - NODE JS

Introduction, Install, How to create a nodejs app, how to create a nodejs server, sending basic request and responses, Node Package Manager (NPM), Callbacks concept, Event-driven programming concepts, Event loop, and Emitter, Buffers, Streams, File system, Global objects, Utility modules, Rest API through Nodejs.

MODULE 4 - EXPRESS JS

Introduction, Install, Routing, HTTP Methods, URL Building, Middleware, Express with Database (Mongoose), JWT Token Authentication, Rest APIs, Error handling.

MODULE 5 - MONGOBD

Introduction, install, Data modeling, CRUD- update(),delete(),insert(), find() method, Create Database & Collections, Drop Database & Drop Collection, Data Types, Mongodb with Nodejs