MERN STACK

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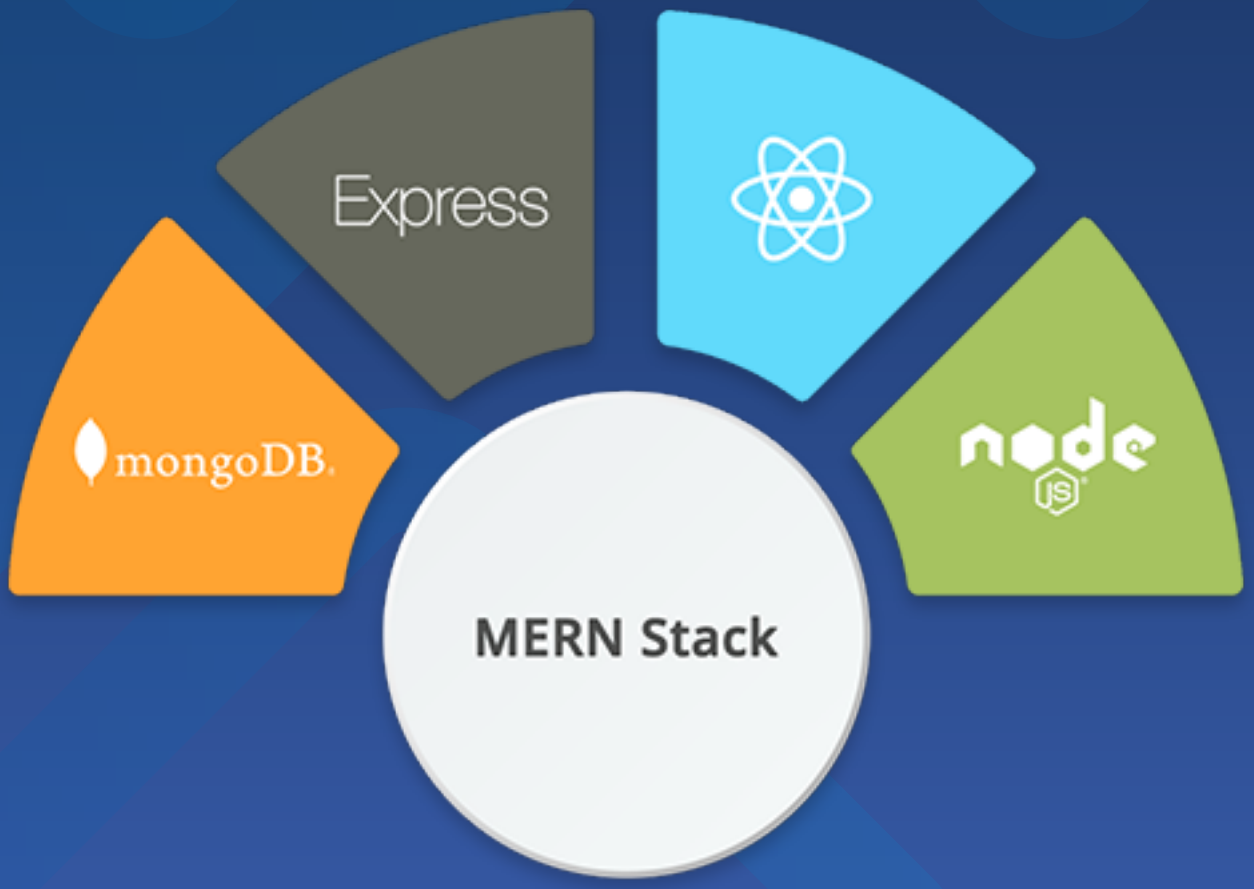
What Is MERN STACK ?

The MERN Stack Is An Open Source–Centric Collection Of Technologies That Uses Javascript For Both The Browser And Server Sides Of A Web Application. MERN Is An Acronym For The Four Technologies That Form The Stack: Mongodb, Express, React, And Node. Js.



Course Structure

- **3 Months E-Learning**
- **3 Months Internship**
- **100% Placement Assistance**

MERN Stack Syllabus

HTML AND CSS

1. Introduction to HTML and CSS
2. Basic HTML elements
3. Formatting and styling with CSS
4. Introduction to Bootstrap, Forms and tables

JAVASCRIPT

1. Overview and basics
2. Variables, data types, and operators
3. Scope of variables
4. Conditional statements
5. JavaScript loops
6. Functions
7. Objects and arrays

8. JSON

NODE JS

1. Overview and installation
2. Modules in Node.js
3. HTTP modules
4. File system in Node.js
5. NPM (Node Package Manager)
6. Events in Node.js

EXPRESS JS

1. Introduction to Express.js:
2. Handling routes
3. Middleware in Express.js

MONGO DB

1. Overview and installation
2. Creating a database
3. CRUD Operations with MongoDB using Postman API

REACT

1. Introduction to React.js
2. Project creation
3. ES6 and its features
4. Render method

5. Components
6. Props and states
7. Lists and forms
8. Router and hooks
9. Integrating Backend and Frontend
10. Connecting React frontend with Express backend
11. Making API requests from React components
12. Handling authentication in the MERN stack

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