Techford information

MERN FULL-STACK DEVELOPMENT WITH INTERNSHIP

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MERN FULL-STACK DEVELOPMENT WITH INTERNSHIP

MERN full-stack development refers to building complete web applications using a specific set of JavaScript-based technologies: MongoDB, Express.js, React, and Node.js.

Techford information offers a rigorous full stack development programs with an industry- vetted curriculum, live classes, hands-on real world projects, and one-to-one mentorship. The program emphasizes problem solving and critical thinking, offers lifetime access to resource and community, and include dedicated carrier support and a vibrant peer network.

Our instructors are not just instructor's!!! They are working technologist currently engaged in building scalable systems at leading companies.

MongoDB (M):	Express.js (E):	React (R):	Node.js (N):
A NoSQL database that stores data in flexible, JSON-like documents. It's used for the database layer, handling data storage and retrieval.	A fast, minimalist web application framework for Node.js. It's used for the backend, handling server-side logic, routing, and API creation.	A JavaScript library for building user interfaces. It's used for the frontend, creating interactive and dynamic single-page applications.	A JavaScript runtime environment that allows you to run JavaScript code outside of a web browser. It's the foundation for the backend, enabling server-side development with JavaScript.

Crafting Seamless Digital Experiences
Full Stack Developer

Module 1

Web Fundamentals

HTML Basics + Git

CSS Basics

Responsive Design + CSS Grid

JavaScript Basics

JavaScript DOM Manipulation

Module 2

Frontend Development with React

React Core

React Setup + JSX + Components

State Management with useState

useState basics and input handling

useEffect + List Rendering

useEffect for data fetching, intervals

Conditional Rendering + Event Handling
if, ternary, && in JSX

React Router

Module 3

Styling and State Tools

Styling with Bootstrap, MUI, or Styled Components

Choose one: Bootstrap, MUI, styled-components

Context API

Redux Toolkit Basics

Redux Middleware & Async Logic

Review + Mini Challenge

Module 4

Mini Frontend Project (Task Manager / Blog)

Project Development

Finalization & Deployment

In essence, MERN full-stack development means:

Developing the frontend (user interface) with React, providing a rich and responsive user experience.

Building the backend (server-side logic and APIs) with Express.js and Node.js, handling data processing, authentication, and communication with the database.

Storing and managing application data in MongoDB.

The MERN stack is popular due to its full-stack JavaScript approach, allowing developers to use a single language across the entire application, which can streamline development and reduce context switching.

Learning outcome:

Candidates become a experienced full stack developer

LIST OUT MAIN RECRUITERS

Tata Consultancy Services, Infosys, Wipro, and Accenture, as well as product-based companies such as Amazon India, Google, Zomato, and Swiggy. Additionally, specialized recruitment agencies like G&S Consulting and Net Creative Mind focus

MODE OF STUDY

Offline, Online
Daily and Weekends

ELIGIBILITY

BTech, BCA or MCA

COURSE LINK: https://www.techford.in

techfordkerala@gmail.com   **+91- 9947273095**