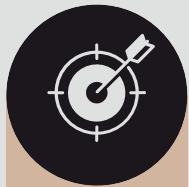


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Why Choose Us?

- Job-Ready, Industry-Aligned Curriculum
- Certified Experts & Hands-On Training
- Maximum Value :
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WEB DEVELOPMENT

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Future-Proof Web Development: Specializing in
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WHY CHOOSE MERN ?

The MERN Stack is ideal because JavaScript is used everywhere (frontend, backend, database queries), leading to simplified development and faster context switching. Node.js provides high performance via non-blocking I/O, enabling rapid application speed. MongoDB offers flexible NoSQL data storage, perfect for evolving modern apps. Finally, React enables efficient creation of scalable, high-quality Single Page Applications (SPAs), backed by a massive community.

"Perfection is achieved, not when there is nothing more to add, but when there is nothing left to take away. Become the master of essential design. Enroll in our Web Development program today."

Module: 2 -Back-end Development

Node Js - Introduction to Node.js, What is node.js, A word on event loop, Event driven architecture, Blocking vs non-blocking code, Node Process Model, Setup node.js, Node REPL, Debugging node.js app

Express JS - Introduction to Express.js, Installation and Setup, Routing, Middleware, Request and Response Objects, URL Parameters and Query Strings, Serving Static Files, Templating Engines, Error Handling, Connecting to Databases

COURSE CONTENT

Module: 1 - Front-end Development

HTML 5 - Basic description of HTML, Attribute HTML Heading, Paragraph, Styles, Formatting, Quotations, CSS, Links and Images, Lists, Blocks, Classes, Layout, Responsive.

CSS - Introduction CSS3,Syntax How To,Colors,Backgrounds, Borders, Padding, Height/Width, Gradients, CSS3 Shadows, Text, Fonts, 2D Transforms, 3D Transforms, Links, responsive etc.

JavaScript - Introduction to JavaScript, JavaScript Language Basics, Objects, Scope, Events, Strings, Numbers, Math, Arrays, Boolean, Comparisons.

React JS - Introduction to React (Virtual DOM), React Language Basics (JSX), Components (Functional/Class), Props (Properties), State (Component Data), Hooks (Core APIs, useEffect), Conditional Rendering, Lists and Keys, Events Handling, Form Management (Controlled Components).

Module: 3 - Database

MongoDB - Introduction to NoSQL, JSON/BSON Document Structure, Collections and Documents, CRUD Operations, Data Modeling, Indexing, Aggregation Framework, MongoDB Shell (mongosh), Drivers and Connection, Replication and Sharding

Module: 4 - Connecting Technology

API (REST/GraphQL) - Introduction to APIs, RESTful API Principles, HTTP Methods, URL Structure and Resources, JSON Data Format, Introduction to GraphQL, GraphQL vs. REST Comparison, GraphQL Queries and Mutations, Schema Definition Language, Error Handling and Status Codes