

AHMEDABAD TRAINING INSTITUTE

MERN Stack

(MongoDB, Express.js, React.js, Node.js)

(3 Months Professional Course / Project Internship)

Web Fundamentals & JavaScript

Web Basics

- HTML5 structure & semantics
- CSS3 styling & layouts
- Responsive design
- Bootstrap / Tailwind basics

JavaScript Core

- JavaScript syntax & ES6+
- Variables, functions & scope
- Arrays & objects
- DOM manipulation
- Events & form handling
- Asynchronous JavaScript (Promises, Async/Await)

Backend Development (Node.js & MongoDB)

Node.js & Express.js

- Node.js fundamentals
- Express.js framework
- REST API development
- Middleware concepts
- Authentication & authorization (JWT)
- File upload handling
- Error handling & validation

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MongoDB

- NoSQL database concepts
- MongoDB CRUD operations
- Schema design
- Mongoose ODM
- Data relationships
- Performance optimization

Frontend Development (React.js)

React Fundamentals

- React setup & project structure
- JSX & components
- Props & state
- Event handling
- Conditional rendering
- Lists & keys

Advanced React

- Hooks (useState, useEffect)
- React Router
- API integration (Axios / Fetch)
- Form handling & validations
- State management basics

Full-Stack Integration

- Connecting React with Node APIs
- Authentication flow
- Role-based access
- Environment configuration
- Deployment basics

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Projects & Practical Training

- JavaScript mini projects
- REST API backend project
- React frontend application
- Final MERN Stack Full-Stack Project

Course Fees: 15,000 INR

To Confirm Your Seat, Call – 99131 99578, 95371 08200