

MEAN/MERN Stack Development(Online)

Master MongoDB, Express.js, Angular/React, and Node.js to Create Dynamic Web Applications

WHAT YOU'LL LEARN

- Develop robust back-end systems with Node.js and Express.js.
- Design modern, interactive front-end applications using React (MERN) or Angular (MEAN).
- Implement efficient data storage and retrieval using MongoDB.
- Build and deploy full-stack applications with seamless integration between front-end and back-end.

REQUIREMENTS

Basic knowledge of JavaScript or programming fundamentals.

A computer with internet access and a code editor (e.g., VS Code).

Familiarity with HTML and CSS is helpful but not mandatory.

A proactive mindset to learn full-stack development concepts step-by-step.

WHO'S THIS COURSE IS FOR


Developers eager to build full-stack web applications using modern technologies.

Students or professionals looking to specialize in MEAN or MERN stack development.

Entrepreneurs aiming to create scalable and dynamic web applications for their businesses.

DESCRIPTION

The "MEAN/MERN Stack Development" course is designed to equip students with hands-on experience in building modern, scalable web applications. You will learn both **front-end and back-end development**, working with MongoDB, Express.js, Angular or React, and Node.js to create fully functional applications.



₹ 38000 ~~₹42000~~ 9.5% off

★★★★★


Date
15 May to 15 Nov 2025

Time
10:00 AM - 02:00 PM

Total Sessions (Hours)
100 (150h 0min)

Level
All

Language
Hindi

 Vinod Sonava
Instructor

Instructor Rating
5

Courses
22

Course Schedule and Duration

- **Duration:** 6 Months
 - **Start Date:** Option to start today also, instructor will adjust you to recently started batch. **Enroll now**
 - **Days:** 6 days/week
 - **Timings:** 10:00 am to 3:30 pm (Choose your 2 hr as per your convenience)
 - **Mode:** Offline (above Central Bank Of India, above Radhika's Authentic South Indian Food, Nilmani Society, Gurukul)
 - **Languages:** English, Hindi & Gujarati
 - **Fees:** INR 38,000/-
-
-
-

Module 1: Introduction to Full-Stack Development

- Understanding the MEAN & MERN stack and their components.
- Setting up the development environment.
- Overview of JavaScript ES6+ features for full-stack applications.

Module 2: Backend Development with Node.js and Express.js

- Setting up a Node.js server.
- Creating RESTful APIs with Express.js.
- Middleware, authentication, and session management.
- Connecting to MongoDB using Mongoose ORM.

Module 3: Database Management with MongoDB

- Introduction to NoSQL and MongoDB.
- CRUD operations (Create, Read, Update, Delete).
- Structuring databases for scalable applications.
- Data validation and indexing.

Module 4: Front-End Development with Angular (MEAN) or React (MERN)

- Introduction to Angular and React: Components, State, and Props.
- Setting up a front-end project using Angular CLI or Create-React-App.
- Implementing routing and UI components.
- Connecting the front end to the backend API.

Module 5: User Authentication & Security

- Implementing JWT-based authentication.
- Role-based access control and authorization.
- Protecting APIs from security threats.

Module 6: Advanced Features & Deployment

- Optimizing performance and handling errors.
- Real-time data handling with WebSockets.
- Deploying applications to cloud services (Heroku, AWS, or Firebase).

Module 7: Capstone Project

- Build a fully functional full-stack application using MEAN/MERN.
 - Integrate authentication, API communication, and real-world database management.
 - Showcase your project to potential employers or clients.
-
-
-

Why Take This Course?

- **Hands-On Learning:** Build real-world applications from scratch.
 - **Industry-Standard Technologies:** Master in-demand full-stack development skills.
 - **Portfolio Project:** Create a working application to showcase your expertise.
 - **Career-Ready Skills:** Prepare for roles in web development with a strong skill set.
-
-
-

By the end of this course, you will have the confidence to develop and deploy **full-fledged, scalable web applications**, making you a valuable asset in the tech industry. Whether you choose the **MEAN or MERN stack**, this course ensures you're well-equipped to build **modern, dynamic web applications**.