

## 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 you 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/-
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### **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.
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## 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.
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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**.