

MERN STACK DEVELOPMENT

Build Modern Web Apps with MERN + AI/LLM Integration



Module 1: Web Fundamentals

- › HTML5
- › CSS3,
- › JavaScript (ES6+)
- › Responsive Web Design



Module 2: Modern UI & Frontend

- › Tailwind css, shadcn/ui
- › UI/UX Basics, Forms & Validation
- › Animations & Transitions
- › Accessibility



Module 3: : React & State Management

- › Components, Hooks, Routing
- › REST & GraphQL APIs
- › Redux Toolkit / Zustand
- › Performance Optimization
- › AI Integration (ChatGPT)



Module 4: Backend & Database

- › Node.js
- › Express.js
- › MongoDB & Mongoose,
- › JWT Authentication,
- › Security Best Practices
- › WebSockets,
- › AI Backend Integration,
- › LLM APIs



Module 5: Deployment & Project

- › Cloud Deploy
- › Docker
- › Projects
- › CI/CD
- › n8n Workflows



Key Tools & Technologies

- › Architecture
- › Load Balancing,
- › Scalability,
- › Git , Github
- › Postman

Ready to Start Your Journey? Enroll Today !