



Learn, Create & Succeed with us

Full Stack Development

Course



Developing end-to-end web applications





Full Stack Development Course in Jaipur – 6 Months

Complete MERN Stack Training with Projects

Course Description

Launch Your Career as a Full Stack Web Developer with Industry-Level Projects

The demand for full stack developers continues to grow across startups, agencies, and enterprise tech companies. This **6-Month Full Stack Development Course** by SkillUpgrades is designed to take you from beginner to job-ready – with in-depth training in **MERN Stack (MongoDB, Express, React, Node)** and strong focus on real-world application.

Through project-based learning, mentorship, and portfolio-building, you'll gain the skills needed to build dynamic front-end interfaces, robust backend APIs, and deploy full-stack applications that scale.



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What You'll Learn

- HTML5, CSS3, Bootstrap, and responsive web design
- JavaScript ES6+ fundamentals and DOM manipulation
- Git, GitHub, and version control best practices
- React.js – components, hooks, routing, and state management
- Node.js – backend fundamentals and REST API development
- Express.js – routing, middleware, and backend structure
- MongoDB – NoSQL database design and CRUD operations
- Authentication with JWT and session management
- Connecting frontend with backend using API
- Error handling, validations, and security best practices
- Deployment to cloud platforms (Render, Vercel, Netlify, MongoDB Atlas)
- Working with real-world project requirements, clients, and team collaboration tools



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Course Highlights

- 6 months of structured, mentorship-driven learning
- 10+ hands-on projects and 3 capstone applications
- Job-oriented curriculum with resume & interview prep
- Certificate of Completion + Project Portfolio
- Learn with live support, Q&A sessions, and real-time code reviews

Who Should Enroll

- Students and freshers looking to enter the software industry
- Professionals looking to upskill to web development
- Freelancers and agency owners building custom web solutions
- Entrepreneurs looking to build and manage tech products



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Requirements

- Basic computer skills and familiarity with the internet
- No prior coding knowledge required (starts from zero)
- Laptop/PC with Node.js and code editor installed
- Willingness to practice coding regularly

Course Modules – Full Stack MERN Developer Training (6 Months)

Module 1: Web Development Fundamentals

- HTML5: structure, tags, forms, tables
- CSS3: styling, flexbox, grid system
- Bootstrap: responsive design and UI components
- JavaScript ES6+: variables, functions, arrays, loops, DOM



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Module 2: Git & Developer Tools

- Git & GitHub basics
- Repository management and collaboration
- VS Code extensions and debugging tools
- Chrome DevTools and performance checks

Module 3: React.js Front-End Mastery

- JSX, components, props, and state
- Functional components and hooks (useState, useEffect)
- React Router for single-page applications
- Axios for API calls
- UI design using Tailwind CSS / Bootstrap
- Context API and component architecture



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Module 4: Node.js & Express.js Backend Development

- Introduction to Node.js and server-side scripting
- Express.js routing, middleware, and APIs
- Working with JSON and handling requests/responses
- File uploads, cookies, and environment variables
- Error handling, validations (Joi/Yup)

Module 5: MongoDB & Database Operations

- MongoDB Atlas setup and Compass overview
- Designing schemas with Mongoose
- CRUD operations: create, read, update, delete
- Embedding vs referencing
- Securing databases and data relationships



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Module 6: Authentication, Deployment & Final Projects

- User registration, login, and protected routes
- JWT-based authentication
- Deploying MERN apps to Vercel/Render/Netlify
- Final Project 1: Full E-Commerce Application
- Final Project 2: Job Board or Blogging Platform
- Final Project 3: Team Collaboration Dashboard

Thank You



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