

Complete Full Stack Development Course - Online (4 months)

Complete Web Development Course going from zero to the most advanced: Html, CSS, Javascript, React, Node and SQL

WHAT YOU'LL LEARN

- **Develop Professional Websites:** Learn to build responsive and dynamic websites using modern front-end and back-end technologies.
- **Master Front-End Frameworks:** Gain expertise in tools like React, Angular, or Vue.js to create seamless user interfaces.
- **Back-End Development Skills:** Understand server-side programming with Node.js, Express.js, or Django, including database integration.
- **Full-Stack Project Development:** Build, deploy, and manage full-stack applications with real-world functionality.

REQUIREMENTS

A computer with a reliable internet connection for accessing live sessions, tools, and resources.

Basic programming knowledge is helpful but not required; we start from the basics.

A willingness to learn and actively participate in online discussions and projects.

WHO'S THIS COURSE IS FOR

Aspiring Developers: Beginners looking to start their journey in web development through interactive online learning.

Intermediate Learners: Developers who want to strengthen their skills and learn the latest online development tools.

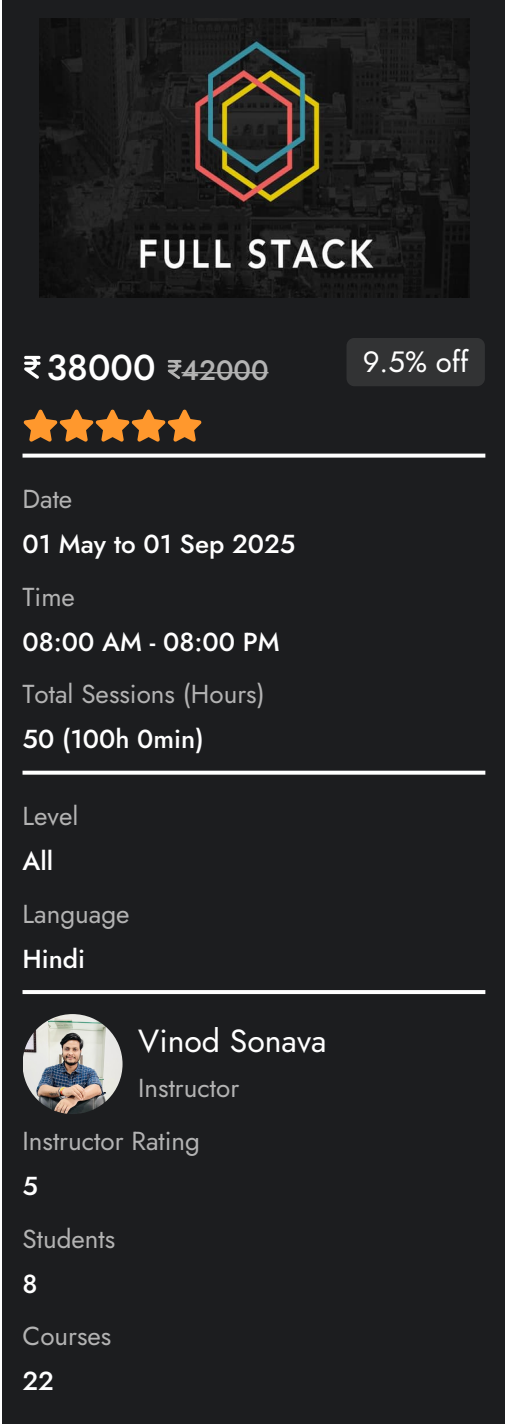
Career Changers: Professionals aiming to transition to tech roles by mastering full-stack development online.

Tech Enthusiasts and Students: Anyone passionate about learning full-stack development from the comfort of their home.

DESCRIPTION

Complete Full Stack Development Course - Online (4 months)

- **Duration:** 4 Months
- **Start Date:** 24th Feb 2025, Monday . **Note:** Option to start today also, instructor will adjust you to recently started batch. **Enroll now**
- **Days:** Mon-Tue-Wed-Thu-Fri-Sat, 6 days a week and



FULL STACK

₹ 38000 ~~₹42000~~ 9.5% off

★★★★★


Date
01 May to 01 Sep 2025

Time
08:00 AM - 08:00 PM

Total Sessions (Hours)
50 (100h 0min)

Level
All

Language
Hindi

 **Vinod Sonava**
Instructor

Instructor Rating
5

Students
8

Courses
22

2 Hours/Session

- **Timings:** 8.00 am to 8.00 pm (Choose any 2 hours)
- **Mode :**Online Google Meetup or Zoom
- **Fees:** INR 38000/-

Module 1: Introduction to Full-Stack Development

- Overview of web development and its components: Front-end, Back-end, and Databases.
- Full-stack architecture and tools overview.
- Setting up the development environment: Node.js, VS Code, Git, and CLI basics.

Module 2: Fundamentals of Front-End Development

- **HTML & CSS:**
 - Structure and style web pages using semantic HTML and modern CSS.
 - Responsive design principles and media queries.
 - CSS frameworks like Bootstrap or Tailwind CSS.
- **JavaScript Essentials:**
 - ES6+ features, including let/const, arrow functions, and destructuring.
 - DOM manipulation and event handling.
 - JavaScript fundamentals like variables, loops, and functions.

Module 3: Advanced Front-End Frameworks

- **React.js:**
 - Building components with JSX.
 - State and props management.
 - React Router for single-page applications.
 - Hooks: useState, useEffect, and useContext.
- **Angular (Optional):**
 - Angular architecture and component-based development.
 - Data binding and dependency injection.
 - Routing and navigation.

Module 4: Back-End Development

- **Node.js Basics:**
 - Non-blocking I/O and event-driven architecture.
 - Setting up an Express.js server.
 - RESTful API design and implementation.
- **Django (Optional):**
 - Setting up a Django project.
 - Building robust server-side applications.
 - Django ORM and templating engine.

Module 5: Database Management

- **MongoDB (NoSQL):**
 - Introduction to NoSQL databases.
 - CRUD operations and schema design with Mongoose.
- **MySQL (SQL):**
 - Relational database concepts.
 - Writing SQL queries for CRUD operations.
 - Integrating MySQL with Node.js or Django.

Module 6: API Development

- Building RESTful APIs.
- Connecting front-end and back-end via APIs.
- Authentication and authorization with JWT or OAuth.
- Error handling and validation.

Module 7: Deployment and Version Control

- **Version Control with Git:**
 - Repository management, branching, and merging.
 - Collaboration on GitHub or GitLab.
- **Deployment Strategies:**
 - Deploying applications using platforms like Heroku, AWS, or Netlify.
 - Setting up CI/CD pipelines.
 - Environment variables and security best practices.

Module 8: Advanced Topics

- **Authentication and Security:**

- Implementing login/logout functionality.
- Password hashing, encryption, and secure storage.

- **WebSockets and Real-Time Communication:**

- Introduction to WebSockets and Socket.IO.
- Building real-time features like chat applications.

- **Performance Optimization:**

- Caching, lazy loading, and code splitting.

Module 9: Capstone Project

- Build and deploy a fully functional web application using the full stack:
 - Examples: E-commerce website, social media platform, or blog.
 - Present your project with documentation and a live demo.

This course prepares you for a career as a full-stack developer by equipping you with the skills to design, develop, and deploy dynamic web applications from scratch.