

## 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.

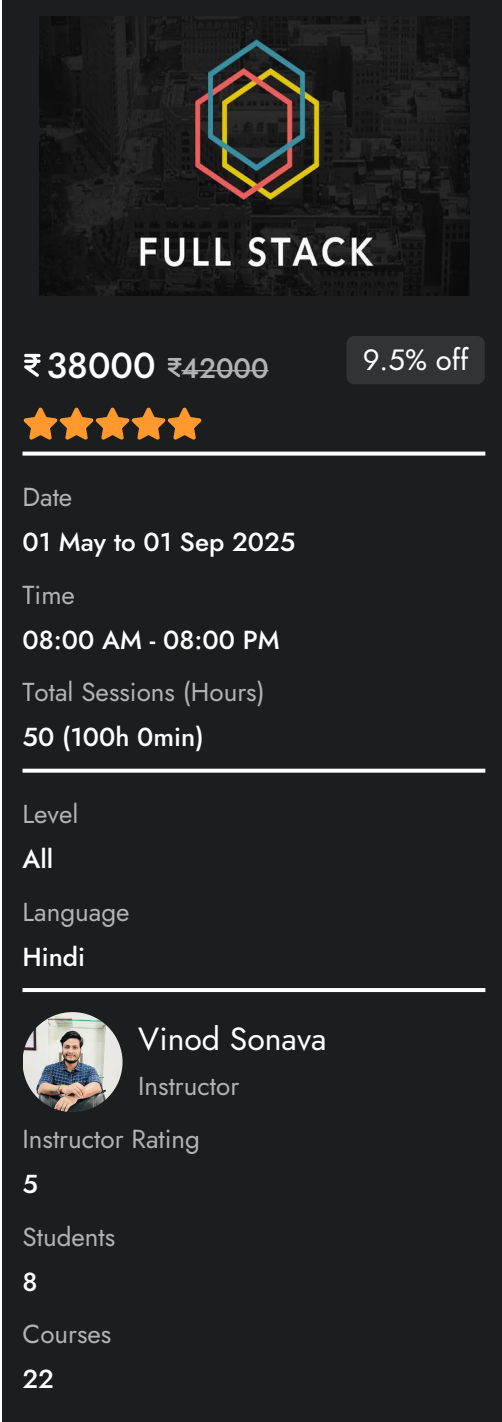
**Career Changers:** Professionals aiming to transition to tech roles by mastering full-stack development online.

**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.