

Complete Full Stack Development Course - Duration (4 months)

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

WHAT YOU'LL LEARN

- Build Complete Web Applications: Learn to create projects from scratch, covering both front-end and back-end.
- 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

Basic understanding of programming concepts (optional but helpful).

Familiarity with HTML, CSS, or JavaScript is beneficial but not mandatory.

A computer with a stable internet connection for accessing tools and resources.

A willingness to learn and a passion for building web applications!

WHO'S THIS COURSE IS FOR

Aspiring Developers: Beginners eager to start their journey in web development and build professional-level projects.

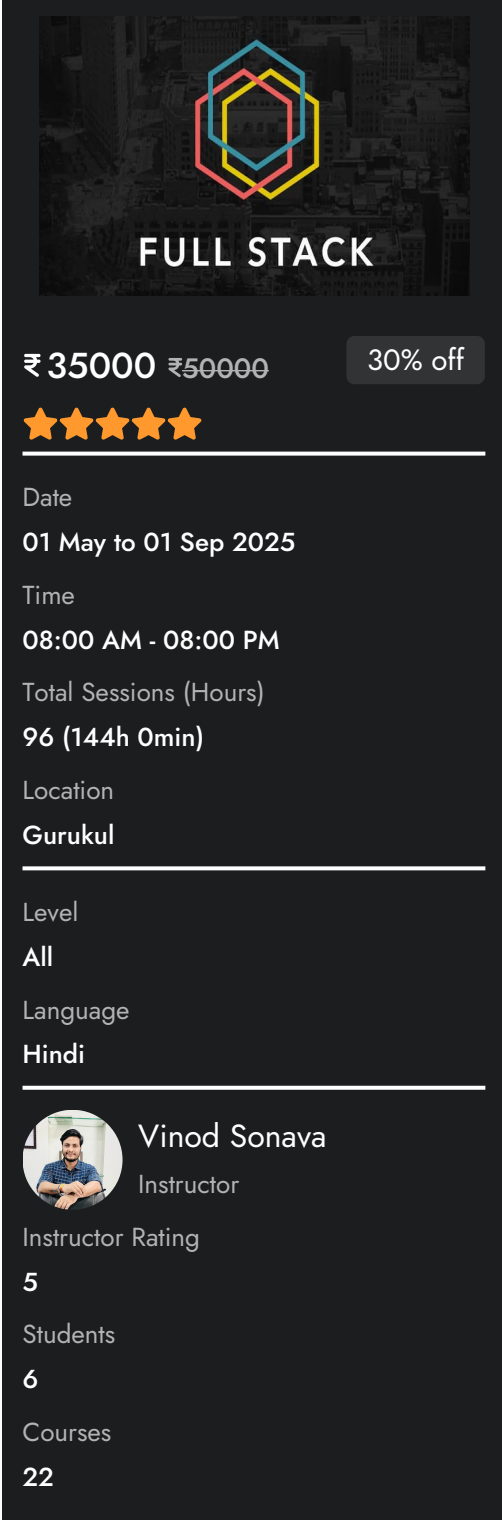
Intermediate Learners: Developers looking to expand their skill set to include both front-end and back-end technologies.

Career Changers: Individuals transitioning into tech who want to learn full-stack development for job opportunities.

Students and IT Enthusiasts: Anyone passionate about coding and eager to explore full-stack development.

DESCRIPTION

Complete Full Stack Development Course - Duration (6 months)



FULL STACK

₹ 35000 ~~₹50000~~ 30% off

★★★★★

Date
01 May to 01 Sep 2025


Time
08:00 AM - 08:00 PM

Total Sessions (Hours)
96 (144h 0min)

Location
Gurukul

Level
All

Language
Hindi

 Vinod Sonava
Instructor

Instructor Rating
5

Students
6

Courses
22

- **Duration:** 4 Months
 - **Start Date:** 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 1.5 Hours/Session
 - **Timings:** 8.00 am to 8.00 pm (Choose any 1.5 hours)
 - **Mode:** Offline (Near Radhika's Authentic South Indian Food, Gurukul, Ahmedabad, Gujarat 380054)
 - **Languages:** English, Hindi & Gujarati
 - **Fees:** INR 35,000/-
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Course Modules

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.

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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.