

# Web Development Essentials(Online)

Build and Deploy Modern Websites

### WHAT YOU'LL LEARN

- Build responsive and interactive websites using HTML, CSS, and lavaScript.
- Create dynamic web applications with back-end technologies like Node.js or Diango.
- Understand database integration and management with MySQL or MongoDB.
- Deploy and manage fully functional websites on hosting platforms.

#### **REQUIREMENTS**

A computer with a reliable internet connection and a modern web browser.

A text editor like VS Code or any IDE for web development.

Basic computer literacy and familiarity with the internet.

A willingness to learn and experiment with coding projects.

## WHO'S THIS COURSE IS FOR

Beginners interested in learning how to design and develop websites from scratch.

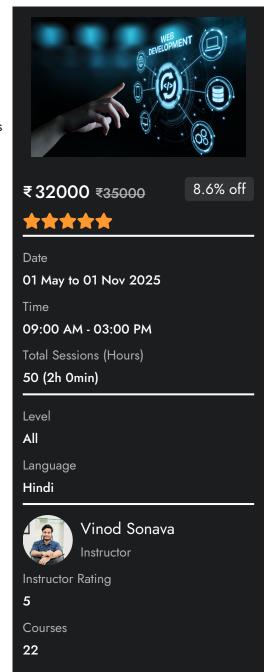
Students and professionals aspiring to pursue careers in web development.

Entrepreneurs looking to create and manage their own websites or web applications.

#### DESCRIPTION

This Web Development course will teach you how to build modern, responsive websites from scratch. You'll start by mastering the core technologies: HTML, CSS, and JavaScript. Learn to structure web pages, style them to look appealing, and make them interactive with dynamic content.

You'll progress to working with front-end frameworks like **React** or **Angular** to create sophisticated user interfaces, and explore back-end technologies with **Node.js** or **Django** to handle server-side logic and databases. You'll also learn how to connect the front-end with the back-end through **APIs** and manage databases using tools like **MongoDB** or **MySQL**.



By the end of the course, you'll be equipped to build full-fledged, responsive websites and web applications, giving you the skills needed to start a career in web development.