

Web Development Full-Stack

Course syllabus · Live online · Beginner to Job-ready

Build modern, responsive web applications with JavaScript, React, Node.js, Express and MongoDB.

Live training	108 hours in total
Weekday batch	11 weeks · Monday to Friday, 2 hours per day (10 hours a week)
Weekend batch	14 weeks · Saturday and Sunday, 4 hours each day (8 hours a week)
Self-practice	about 90 hours in total (labs, assignments, revision)
Total effort	about 198 hours including self-practice
Mode	Live instructor-led online sessions · session recordings after each class · small batches
Trainer	Pratiksha
Batch start	Shared by our counselor
Batch timings	Weekday / weekend options, shared by our counselor
Course fee	Shared by our counselor (varies with current offers)

Who is this for?

Freshers, designers, non-IT graduates and anyone starting a web career.

Prerequisites

None. We start from the basics.

What you will learn

- Build responsive, accessible websites with HTML, CSS and JavaScript
- Build interactive interfaces with React
- Create REST APIs with Node.js and Express
- Work with MongoDB and SQL databases
- Implement authentication and authorization
- Use Git and deploy full-stack applications

Tools and technologies

HTML/CSS/JS · React · Node.js · Express · MongoDB · REST APIs · Git · Deployment

Detailed syllabus

#	Module	Hours	Topics	Hands-on
1	HTML and CSS	12	• Semantic HTML5 and forms • CSS3, Flexbox, Grid • Responsive design and accessibility • Bootstrap/Tailwind basics	Responsive multi-page website
2	JavaScript Essentials	16	• Language fundamentals and data structures • DOM manipulation and events • ES6+, modules, async/await, fetch	Interactive web apps

#	Module	Hours	Topics	Hands-on
3	React	22	• Components, props, state, hooks • Routing, forms and context/state management • API integration and performance basics	Single-page application
4	Node.js and Express	14	• Node.js runtime and npm • Express routing and middleware • REST API design and validation	REST API
5	Databases	12	• MongoDB and Mongoose • SQL basics for comparison • Data modelling	Database-backed API
6	Authentication and Security	6	• Sessions vs JWT • Password hashing, CORS, input validation	Auth system
7	Tooling, Testing and Deployment	8	• Git and GitHub, npm scripts • Testing basics • Deploying front-end and back-end to the cloud	Deploy the MERN app
8	Capstone and Career Preparation	18	• Full-stack capstone build and review • Portfolio and GitHub • Resume and mock interviews	Capstone
	Total live hours	108		

Projects

- Responsive business website
- React single-page application
- Capstone: MERN-stack application

Assessment

Weekly assignments, module tests and capstone evaluation.

Certification

Course completion certificate and a deployed project portfolio.

What is included

- Live instructor-led online sessions
- Hands-on labs and assignments
- Session recordings after each class
- Doubt-solving support
- Course completion certificate
- Small interactive batches
- Unpaid internship opportunities

Our promise: we do not offer guaranteed-placement claims. We focus on building genuine skills so you are capable of clearing interviews and doing the job. Unpaid internship opportunities are available for practical exposure. Fees and batch dates vary with current offers, so please confirm them with our counselor. This syllabus is indicative and may be updated to reflect industry changes.

Book a free demo: <https://www.enbridgeinfotech.com/free-demo.html> · WhatsApp +91-9156091020