

Full-Stack Web Development with React & Node.js

Go from HTML basics to shipping full-stack applications with React, Node.js, and a production-grade database.

Level: Intermediate Duration: 10 weeks, 6-8 hrs/week Language: English

Curriculum

1. Web Fundamentals Refresher

• How the Web Actually Works	14 min
• Modern JavaScript Essentials (ES6+)	32 min
• The DOM and Browser Rendering	18 min
• Setting Up Your Development Environment	12 min

2. React Foundations

• Components, Props, and JSX	24 min
• State and Event Handling	26 min
• Hooks: useState, useEffect, and Beyond	35 min
• Building Your First Multi-Page App	40 min

3. Building APIs with Node.js & Express

• Setting Up an Express Server	20 min
• Routing and Middleware	22 min
• Connecting to a Database with PostgreSQL	30 min
• Authentication with JWT	34 min

4. Connecting Front End to Back End

• Fetching Data with React Query	28 min
• Handling Forms and Validation	22 min
• Error Handling and Loading States	16 min

5. Project: E-Commerce Storefront

• Designing the Data Model	18 min
• Building the Product Catalog	32 min
• Cart and Checkout Flow	38 min
• Integrating Stripe Payments	30 min

6. Testing & Deployment

• Writing Unit Tests with Jest	24 min
• CI/CD Basics	20 min
• Deploying to Production	26 min

Pricing

Self-Paced One-time payment, lifetime access	Rs 29,999 (was Rs 52,000)
Live Sessions One-time payment, includes live cohort access	Rs 77,999 (was Rs 138,000)
1-on-1 Per engagement, scheduled with your mentor	Rs 202,999 (was Rs 367,000)