

Full Stack Web Development Roadmap 2025

"Every expert was once a beginner – Let's take the first step today!"

Start with Frontend Development

HTML (1 Week)

- **Topics:**
Learn tags, attributes, forms, semantic HTML, and accessibility.
- **Project:**
Build a basic portfolio webpage.
- **YouTube:**
[CodeWithHarry - HTML Crash Course](#)

CSS (1 Week)

- **Topics:**
Learn styling, positioning, Flexbox, Grid, transitions, and animations.
Explore responsive design with media queries.
- **Project:**
Style the portfolio webpage with Flexbox/Grid and animations.
- **YouTube:**
[Apna College](#)

JavaScript (3 Weeks)

- **Topics (Week 1):**
Basics: Variables, functions, loops, arrays, objects.
- **Topics (Week 2):**
DOM manipulation, event listeners, ES6+ features (let, const, arrow functions).
- **Topics (Week 3):**
Async/await, Promises, Fetch API, error handling.
- **Project:**
Build a To-Do list and a weather app using an external API.
- **YouTube:**
[Apna College](#)

React.js (4 Weeks)

- **Topics (Week 1):**
Learn components, props, state, and event handling.
- **Topics (Week 2):**
Hooks: useState, useEffect, custom hooks.
- **Topics (Week 3):**
React Router for navigation, Context API for state management.
- **Topics (Week 4):**
Deployment on Netlify/Vercel, connecting with a backend.
- **Project:**
-Build a blog app with CRUD operations and routing.
You can also learn building React Projects by videos :
<https://www.youtube.com/watch?v=RbxHZwFtRT4&list=PL6QREj8te1P6wX9m5KnichDV EucbOPsqR>
- **YouTube:**
[Complete Coding by Prashant Sir](#)

Backend Development

Node.js & Express.js (3 Weeks)

- **Topics (Week 1):**
Learn Node.js basics, NPM, creating servers, middleware.
- **Topics (Week 2):**
Build REST APIs, error handling, and routing with Express.js.
- **Topics (Week 3):**
Learn file handling, upload APIs, and JWT authentication.
- **Project:**
Task management API with authentication.
- **YouTube:**
[Complete Coding by Prashant Sir](#)

MongoDB (2 Weeks)

- **Topics (Week 1):**
Learn CRUD operations, schema design, indexing.

- **Topics (Week 2):**
Aggregation, relationships, and integration with Node.js.
- **Project:**
Connect MongoDB with the task manager API.
- **YouTube:**
<https://www.youtube.com/watch?v=tww-gbNPOcA>

Full Stack Integration

Frontend + Backend Integration (2 Weeks)

- **Topics (Week 1):**
Connect React frontend with a Node.js backend using Fetch API or Axios.
- **Topics (Week 2):**
Handle CORS, deploy on Netlify and Heroku/AWS.
- **Project:**
Deploy a full-stack blog app with authentication and database connectivity.

Additional Skills

Git & GitHub (1 Week)

- **Topics:**
Version control basics, branching, pull requests, and collaboration.
- **YouTube:**
<https://youtu.be/Ez8F0nW6S-w?si=-KXZXB2-hipLYqtt>

Best Full Stacks Projects for Practice with Videos

- **Build a Full Stack React Native App with Payments | PostgreSQL, TypeScript, Stripe, Tailwind**
https://www.youtube.com/watch?v=kmy_YNhl0mw&list=PL6QREj8te1P7faGPL2hfiM8F9zdOvZpbE
- **Full Stack Job Portal Application with React & Springboot | Backend | MongoDB | Redux**
<https://www.youtube.com/watch?v=M68-PiSVMQI&list=WL&index=7>

That's All , Maze Karo ❤️