

JavaScript Core (Fast & Practical)

Beginner to Strong

1. JavaScript.info (Best explainers)

 <https://javascript.info/>


Deep but clear — start with “The Modern JavaScript Tutorial” sections.

2. FreeCodeCamp – JavaScript Algorithms

 <https://www.freecodecamp.org/learn/javascript-algorithms-and-data-structures/>

Hands-on exercises.

3. MDN Web Docs – JS Guide

 <https://developer.mozilla.org/en-US/docs/Web/JavaScript/Guide>

Official, reliable, evergreen.

Video Options (Short & Practical)

4. Web Dev Simplified – JavaScript Tutorial (YouTube)

 <https://youtu.be/W6NZfCO5Slk>

Core concepts explained with examples.

React Basics (Hackathon-Ready)


Core React

1. React Official Tutorial

 <https://react.dev/learn>

Beginner→Intermediate on React.dev (new official docs).

2. FreeCodeCamp – React

 <https://www.freecodecamp.org/learn/front-end-libraries/react/>

Simple exercises + projects.

Video Tutorials

3. Web Dev Simplified – React for Beginners

 <https://youtu.be/4UZrsTqkcW4>

Great for core practical React learning.

4. Codevolution React Playlist

 https://www.youtube.com/playlist?list=PLC3y8-rFHvwhBRAGFinJR8KX4MG1OPPC_

Step-by-step & beginner-friendly.

Tailwind CSS (Fast Styling)

Tailwind Official Docs (Best)

1. Tailwind CSS Documentation

 <https://tailwindcss.com/docs>

Great search, examples, interactive UI code.

Quick Video

2. Traversy Media – Tailwind Crash Course

 <https://youtu.be/dFgzHOX84xQ>

Fast setup + practical utility classes.

3. Web Dev Simplified – Tailwind Guide

 <https://youtu.be/UBOj6rqRUME>

Explains core utilities + workflow.

API Integration (Real World)

Learn API Basics

1. FreeCodeCamp – APIs & Microservices

 <https://www.freecodecamp.org/learn/apis-and-microservices/>

HTTP basics + working with fetch / endpoints.

2. MDN – Fetch API

 https://developer.mozilla.org/en-US/docs/Web/API/Fetch_API

Official and clear examples.

Video Tutorials

3. Web Dev Simplified – Fetch API Tutorial

 <https://youtu.be/cNPLf0Yv2AA>

How to call APIs & handle responses.

4. Axios Crash Course (YouTube)

 <https://youtu.be/6LyagkoRWYA>

Popular library for HTTP in React.

Practice + Mini Projects

| Topic | Resource |
|---------------------|---|
| JavaScript Projects | https://jsprojects.dev/ |
| React Project ideas | https://github.com/florinpop17/app-ideas |
| Tailwind Templates | https://tailwindtemplates.io/ |
| API Practice | https://jsonplaceholder.typicode.com/ |

Pro Tip for 10–12 Days

Do **both text + practice**, not just videos:

- ✓ Read short docs
- ✓ Code immediately
- ✓ Build **tiny projects** for each topic
("Hello React", "Fetch API list", "Tailwind page layout")