

# **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/UBQj6rqRUME>

*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](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.*



# Bonus

## Practice + Mini Projects

Topic	Resource
JavaScript Projects	<a href="https://jsprojects.dev/">https://jsprojects.dev/</a>
React Project ideas	<a href="https://github.com/florinpop17/app-ideas">https://github.com/florinpop17/app-ideas</a>
Tailwind Templates	<a href="https://tailwindtemplates.io/">https://tailwindtemplates.io/</a>
API Practice	<a href="https://jsonplaceholder.typicode.com/">https://jsonplaceholder.typicode.com/</a>

## 🎯 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")