React Developer Roadmap

React projects can be structured in different ways. In this repository, we have collected resources for each project type.
Not sure which source to choose? You can follow the resources marked with a ✅ symbol, they are highly recommended by the community.

Contribution

Before you head over, read the Contribution Guide first. You are new to contribution process? For more information about the steps and guides, check out the First Contribution Guide.

Table of Contents

Prerequisites

- **Algorithms and Data Structures**

  - **Book**

    - ✅ Grokking Algorithms by Aditya Bhargava
    - ✅ Cracking the Coding Interview by Gayle Laakmann McDowell
    - Data Structure and Algorithmic Thinking with Python: Data Structure and Algorithmic Puzzles by Narasimha Karumanchi
    - Introduction to Algorithms (CLRS)

  - **Video**

    - Data Structures And Algorithms Course by Mosh Hamedani

  - **Platform**

    - ✅ LeetCode

- HackerRank
- CodeWars
- TheAlgorithms
- Codeforces

- **Repo**

  - ✓ Coding University
  - CS Video Course
  - Computer Science

- **Cheat Sheet**

  - Data Structures Cheat Sheet

- **CSS**

  - **Tailwind**
    - Tailwind Best Practices

- **Browser**

  - How Browsers Work?

Javascript

- Advanced Javascript Concepts
- Asynchronous Javascript
- Language Overview

React

- **Hooks**

  - **Custom Hooks**

    - React Hook Best Practices

Clean Code

- **Javascript**

  - Freecodecamp Video Series

Architecture

- **Clean Architecture**
  - [Bullet Proof React](#)

Test

- **Unit Test**
  - [React Testing Techniques](#)
  - [Google testing blog](#)
  - **Video Course**
    - ✅ [Testing Javascript](#)

Typescript

- [Learn Typescript](#)
- [Setup webpack for any Typescript project](#)

Server-Side Rendering

- **Next.JS**
  - [React 2025](#)
  - [Scafold Next.JS](#)

Bundlers

- **Webpack**
  - [Webpack and React - 1](#)
  - [Webpack and React - 2](#)
  - [Creating a React app with Webpack](#)
  - [Using Webpack Typescript](#)
  - [Module Federations](#)

Mircofrontends

- **Mircofrontends Basics**
  - [Introduction](#)

Projects

- **Blog**
  - [Brophy.org](#)

Whom I follow as a developer

- [cmdcolin](#)