

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.

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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](#)

- **Git**

- [OneFlow](#)

- **CSS**

- **Tailwind**

- [Tailwind Best Practices](#)

- **Browser**

- [How Browsers Work?](#)

Javascript

- [Advanced Javascript Concepts](#)
- [Asynchronous Javascript](#)
- [Language Overview](#)

React

- **Router**

- **React-Router**
 - [React Router Tutorial](#)

- **Hooks**

- **Custom Hooks**
 - [React Hook Best Practices](#)

- **State**

- **Redux**
 - [Redux Toolkit Usage](#)
 - [✓ Redux Toolkit Crash Course](#)

- **Advanced**

- **Error Boundaries**
 - [Use react-error-boundary to handle errors in React](#)

Clean Code

- **Javascript**

- [Freecodecamp Video Series](#)

Architecture

- **Clean Architecture**

- [Bullet Proof React](#)
- [Clean Architecture: Applying with React](#)
- [Clean Architecture With React](#)

Design System

- **Story Book**

- [Storybook for react apps](#)

Test

- **Unit Test**

- [React Testing Techniques](#)

- [Google testing blog](#)
- **Video Course**
 - [✓ Testing Javascript](#)
 - [Confidently Testing Redux Application with Jest and Typescript](#)
- **React Testing Library**
 - [Robin Wieruch Tutorial](#)
- **Acceptance Testing**
 - [testautomationu](#)

Typescript

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

Server-Side Rendering

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

Bundlers

- **Webpack**
 - [Webpack and React - 1](#)
 - [Webpack and React - 2](#)
 - [Creating a React app with Webpack](#)
 - [Using Webpack Typescript](#)
 - [Module Federations](#)
 - [From apprentice to master](#)
 - [Awesome-Webpack](#)
- **Babel**
 - [Babel Preset Env](#)

Mircofrontends

- **Mircofrontends Basics**

- [Introduction](#)

Code Review

- [Code Review Love](#)

Projects

- **Blog**
 - [Brophy.org](#)
 - [Accelerated News](#)
- **E-Commerce**
 - [React Testing Techniques](#)

NPM

- **Semantic Release**
 - [Semantic Versioning with Conventional Commits](#)

Packages

- [Formik](#)
- [http-proxy-middleware](#)

Courses

- **React**
 - [Epic React By Kent C.Dodds](#)
- **Test**
 - [Testing Javascript By Kent C.Dodds](#)
- **Typescript**
 - [Typescriptcourse by Joe](#)

Style-Guides

- [React Styleguidist](#)
- [React Philosophies](#)

Code Smells

- [Code Smells Catalog](#)
- [Washing Code](#)
- [Refactoring Guru](#)

Whom I follow as a developer

- [cmdcolin](#)
- [Adam Ruka](#)
- [Christoph Nakazawa](#)
- [Artem Sapegin](#)
- [Martin Fowler](#)
- [Flavio Copes](#)