

# React Developer Roadmap

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[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](#)
  - [System Design](#)
  - [Git](#)
  - [HTML](#)
  - [CSS](#)
  - [Browser](#)
- [Javascript](#)
- [React](#)
  - [Basics](#)
    - [Function Components](#)
    - [Class Components](#)
  - [Layout](#)
  - [Router](#)
  - [Hooks](#)
    - [Custom Hooks](#)
  - [Advanced](#)
    - [Portals](#)
    - [Error Boundaries](#)
    - [Contexts](#)
  - [State](#)
    - [Redux](#)
  - [Router](#)
  - [Internationalization](#)
- [Clean Code](#)
  - [Javascript](#)
  - [Solid](#)
  - [Design Patterns](#)

- [Folder Structure](#)
- [Architecture](#)
  - [Clean Architecture](#)
    - [Hexagonal Architecture](#)
- [Design System](#)
  - [Storybook](#)
  - [Atomic Design](#)
- [Test](#)
  - [Unit Test](#)
  - [End To End Test](#)
  - [Component Test](#)
  - [UI Test](#)
  - [Acceptance Testing](#)
- [Typescript](#)
  - [Basics](#)
- [Server-Side Rendering](#)
  - [Next.js](#)
- [Bundlers](#)
  - [Webpack](#)
    - [Webpack-React](#)
    - [Module Federation](#)
  - [Vite](#)
  - [Babel](#)
- [Task Runners](#)
  - [Grunt.JS](#)
- [Microfrontends](#)
  - [Basics](#)
- [Code Review](#)
- [Projects](#)
  - [Blog](#)
- [NPM](#)
- [Packages](#)
  - [Formik](#)
- [Courses](#)
  - [React](#)
- [Where to Go Next?](#)

## Prerequisites

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- **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**

- **BEM**

- [BEM](#)

- **Tailwind**

- [Tailwind Best Practices](#)

- **Browser**

- [How Browsers Work?](#)

## Javascript

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

## React

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- **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

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- **Javascript**
  - [Freecodecamp Video Series](#)

## Architecture

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

## Design System

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- **Story Book**
  - [Storybook for react apps](#)

## Test

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- **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

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

## Server-Side Rendering

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- **Next.JS**

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

## Bundlers

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- **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

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

## Code Review

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- [Code Review Love](#)

## Projects

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

## NPM

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

## Packages

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

## Courses

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

## Style-Guides

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

## Code Smells

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

## Whom I follow as a developer

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