- Personal Recommendation (Opinion)
- Alternative Option (Pick this or purple)
- Order in Roadmap not strict (Learn anytime)

React

Find the detailed version of this roadmap along with other similar roadmaps

roadmap.sh

There used to be "Class Components" which React doesn't recommend any more. You don't need to learn about them but you might still notice them in some legacy projects

Make sure to learn the "Beginner" topics of the JavaScript roadmap before you start learning React.

JavaScript Roadmap

CLI Tools

- Vite

Components

- Functional Components
- JSX
- Props vs State
- Conditional Rendering
- Composition

Component Basics

Basic Hooks

- useCallback
- useRef
- useState
- useReducer
- useMemo
- useEffect
- useContext

Common Hooks

- Creating Custom Hooks
- Hooks Best Practices

Hooks

Rendering

- Component Lifecycle
- Lists and Keys
- Render Props
- Refs
- Events
- High Order Components

Routers

- React Router
- Tanstack Router

State Management

- MobX
- Context
- Zustand
- Jotai

Writing CSS

- Panda CSS
- CSS Modules
- Tailwind CSS

Component / Libraries

- Material UI
- Chakra UI
- Shadcn UI

Headless Component Libraries

- Radix UI
- React Aria
- Ark UI

API Calls

- Apollo
- react-query
- Relay
- Axios
- swr
- urql
- rtk-query

GraphQL REST

Testing

- Vitest
- Jest
- react-testing-library
- Cypress
- Playwright

Frameworks

- react-router
- Astro
- Next.js

Forms

- React Hook Form
- Formik

Types & Validation

- TypeScript
- Zod

Advanced Topics

- Animation
  - Framer Motion
  - react spring
  - GSock
- Error Boundaries
- Server APIs
- Suspense
- Portals

Mobile Applications

- React Native

Have a look at the following related roadmaps

- Frontend Roadmap
- TypeScript Roadmap