1. Learn React basics:

- Components

- JSX

- State & Props

- Lifecycle methods

2. Understand the React ecosystem:

- Node.js

- npm

- create-react-app

3. Build small projects:

- "Hello World" app

- Counter app

- Todo list app

Week 5-6: React Building Blocks

1. Learn about:

- Functional components

- Hooks (useState, useEffect, etc.)

- Context API

- React Router

2. Build small projects:

- Weather app

- Simple blog

- Quiz app

Week 7-8: Advanced React Topics

1. Learn about:

- Redux or MobX for state management

- React Query for data fetching

- React Testing Library

2. Build a medium-sized project:

- E-commerce app

- Social media dashboard

Week 9-12: Real-World Projects

1. Build a large-scale project:

- Complex e-commerce app

- Full-fledged social media platform

2. Implement advanced features:

- Authentication

- Authorization

- Optimization techniques

Additional Tips

- Practice regularly

- Join online communities (e.g., Reddit's r/reactjs)

- Read documentation and articles

- Watch tutorials and videos

- Participate in coding challenges (e.g., HackerRank, CodeWars)

Resources

- Official React documentation

- Codecademy's React course

- FreeCodeCamp's React challenges

- W3Schools' React tutorial

- YouTube channels like Traversy Media, The Net Ninja, and Tyler McGinnis

Stay committed, and you'll become proficient in React in 12 weeks!