

let's set up a **quick, focused React revision plan**. Since you already have some background, we'll skip beginner tutorials and instead refresh the essentials, then practice with small hands-on tasks.

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## **Step 1: Core Concepts to Revisit**

Here's the checklist of what to refresh:

### 1. **JSX & Rendering**

- Writing components with JSX
- Conditional rendering (? :, &&)
- Lists and key props

### 2. **Components**

- Functional vs. class (focus on functional + hooks)
- Props & default props
- Component composition

### 3. **State Management (Hooks)**

- useState, useEffect, useRef
- Derived state (avoiding unnecessary re-renders)
- useContext for simple global state

### 4. **Events & Forms**

- Handling events (onClick, onChange)
- Controlled vs uncontrolled inputs

### 5. **Routing**

- react-router-dom basics (Routes, Links, useNavigate)

### 6. **Data Fetching**

- Using fetch / axios with useEffect
- Handling loading & error states

### 7. **Performance**

- React.memo, useCallback, useMemo basics

## 8. Styling

- Inline, CSS modules, or libraries like Tailwind
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### Step 2: One-Week Revision Plan (Quick)

- **Day 1–2** → Components + JSX + Props + State
  - **Day 3** → Hooks (useEffect, useRef, useContext)
  - **Day 4** → Events + Forms + Routing
  - **Day 5** → Data fetching + Error handling
  - **Day 6** → Performance optimizations
  - **Day 7** → Small project (todo list, blog, or weather app)
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### Step 3: Hands-On Mini-Exercises

Each day, reinforce with a 10–15 min coding task:

- **Render a list** of users with delete buttons.
  - **Make a counter** with increment/decrement buttons.
  - **Build a form** that collects name + email and shows it on submit.
  - **Add routing** between "Home" and "About".
  - **Fetch posts** from JSONPlaceholder API.
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### Step 4: Quick Reference Resources

- React Docs (beta, very clear)
- React Router Docs
- Epic React Cheatsheets