Day 1: React Basics & Setup

Topics: JSX, Components, Props, Rendering Lists, Conditional Rendering, Environment Setup (Vite or CRA) **Practice:** Greeting component, List of favorite items **GitHub:** Commit "Day 1: Setup React and created basic components"

Day 2: State & Events

Topics: useState, Event Handling, Forms, Lifting State Up **Practice:** Counter app, Simple form with validation, Toggle show/hide **GitHub:** Commit "Day 2: Added state and events in counter and form"

Day 3: Effect Hook & Lifecycle

Topics: useEffect, Fetching API data, Dependency Arrays, Cleanup **Practice:** Fetch posts from JSONPlaceholder API, Loading spinner **GitHub:** Commit "Day 3: Fetched API data with useEffect"

Day 4: Routing & Navigation

Topics: React Router v6, Nested Routes, useNavigate **Practice:** Multi-page app (Home, About, Contact), Navigate using Links **GitHub:** Commit "Day 4: Added routing and navigation"

Day 5: Advanced State Management

Topics: useContext, Global vs Local State, useReducer **Practice:** Theme toggle (dark/light), Cart management with useReducer **GitHub:** Commit "Day 5: Implemented context and reducer"

Day 6: Forms, Validation, Optimization

Topics: Controlled vs Uncontrolled components, Form validation, Memoization, Keys and performance **Practice:** Signup form with validation, Optimize large lists **GitHub:** Commit "Day 6: Form validation and component optimization"

Day 7: Mini Project

Project: Todo App **Features:** Add/delete/complete tasks, Filter tasks, Persist data in localStorage, Optional routing for filters **GitHub:** Commit "Day 7: Completed Todo App mini-project" **Deploy:** Use Netlify or Vercel, add link to README