

REACT PRACTICE TASKS

LEVEL 1 — Hooks Basics

- Create a counter with increment/decrement/reset
- Toggle show/hide a paragraph
- Show live typed input on screen
- Build a timer showing current time updating every second
- Detect window width resize & display it
- Focus an input field on load

LEVEL 2 — Array Methods Practice

- Render a list of users & add a new one
- Delete a user using filter
- Search item by name (filter)
- Sort list ascending/descending
- Count completed tasks using reduce
- Check if any task is pending (some)
- Check if all tasks completed (every)

LEVEL 3 — Forms + Controlled Components

- Create login form OR signup form with validation
- Form to collect name/age/hobbies
- Store form values in array and render table
- Implement edit + delete functionality
- Disable submit until form becomes valid

LEVEL 4 — Async + API Calls

- Fetch posts from API
- Fetch only on button click
- Show loader while API fetch
- Enable search on fetched data
- Submit POST request form
- Add pagination

LEVEL 5 — Custom Hooks

- useFetch → fetch + loading + error + refetch
- useForm → handle forms easily
- useLocalStorage → persist state
- useToggle → boolean toggler
- useDebounce → delay input calls

LEVEL 6 — Context API

- Theme toggle (dark/light)
- Global logged-in user context
- Cart global state (add/remove items)
- Language change context

(Upgrade with `useReducer`)

FINAL MINI PROJECTS

- 1) Todo with LocalStorage, Filter, Status Tabs
- 2) User Directory + Search + Pagination
- 3) Auth UI + Context Protected Pages
- 4) Build a Reusable `useForm` Library