

WEEK 1 — React Fundamentals (Make React feel normal)

Day 1 – JSX & Components

Build: Static Profile Card

- Create a `ProfileCard` component
- Use JSX, props (name, role, image)
- No state yet

✓ Outcome: You understand **how React renders UI**

Day 2 – Props Deep Dive

Build: Product Card List

- Parent component passes data to child
- Render list using `.map()`
- Use `key`

✓ Outcome: Props stop feeling confusing

Day 3 – `useState` Basics

Build: Counter App

- Increment, decrement, reset
- Disable button at 0

✓ Outcome: State finally “clicks”

Day 4 – Events & Forms

Build: Controlled Input

- Input field + submit button
- Show typed text below

✓ Outcome: You control form data confidently

Day 5 – Conditional Rendering

Build: Login / Logout Toggle

- Show different UI based on state

✓ Outcome: You understand conditional UI

Day 6 – Mini Project

Build: Simple Todo App

- Add todo
- Delete todo

✓ Outcome: You feel progress 🚀

Day 7 – Refactor Day

- Clean folder structure
- Reuse components
- Add basic CSS

✓ Outcome: You learn *how React apps are organized*

WEEK 2 — Real React Patterns

Day 8 – useEffect Basics

Build: Page Title Changer

- Change document title on button click

✓ Outcome: Side effects make sense

Day 9 – API Fetching

Build: Users List

- Fetch users from `https://jsonplaceholder.typicode.com/users`
- Display name + email

✓ Outcome: You can fetch and display data

Day 10 – Loading & Error States

Improve: Users List

- Add loading text
- Handle API error

✓ Outcome: You write production-like code

Day 11 – Search Filter

Build: Search users by name

- Controlled input
- Filter list

✓ Outcome: You combine state + logic

Day 12 – Lifting State Up

Build: Parent manages state, child updates it

✓ Outcome: You understand React data flow

Day 13 – Forms Project

Build: Signup Form

- Name, email, password
- Validation

✓ Outcome: Forms stop being scary

Day 14 – Weekly Project

Build: Todo App v2

- Add edit
- Mark complete
- Persist in `localStorage`

✓ Outcome: You feel confident 🦾

WEEK 3 — Professional React Skills

Day 15 – Component Reusability

Build: Button component

- Variants: primary, danger

✓ Outcome: You think like a React dev

Day 16 – `useRef`

Build: Focus input on button click

✓ Outcome: You understand refs (rare but useful)

Day 17 – React Router

Build: Multi-page app

- Home
- About
- Contact

✓ Outcome: SPA navigation clicks

Day 18 – Dynamic Routing

Build: User Details Page

- `/users/:id`

✓ Outcome: You understand real-world routing

Day 19 – Context API

Build: Theme Toggle

- Dark / Light

✓ Outcome: Global state makes sense

Day 20 – Custom Hook

Build: `useFetch` hook

✓ Outcome: You level up 🧠

Day 21 – Refactor + Notes

- Rewrite messy code
- Write what confused you

✓ Outcome: Long-term retention

WEEK 4 — Job-Ready React

Day 22 – Mini Dashboard

Build: Admin Dashboard

- Sidebar
- Cards

✓ Outcome: Layout confidence

Day 23 – API CRUD

Build: Products List

- Add / Delete item

✓ Outcome: Full React workflow

Day 24 – Performance Basics

- `React.memo`
- `useCallback`

✓ Outcome: You stop re-render issues

Day 25 – Error Handling

Build: Error Boundary

✓ Outcome: Advanced concept mastered

Day 26 – Deployment

- Deploy to **Vercel** / **Netlify**

✓ Outcome: You ship apps 🌐

Day 27 – Code Review

- Improve folder structure
- Naming conventions

Day 28 – Interview Practice

- Explain:
 - props vs state
 - `useEffect`
 - controlled inputs

Day 29 – Final Project

Build:

🔗 Expense Tracker / Blog App / E-commerce Mini App

Day 30 – Reflection

- Rewrite your Day 1 app

- Compare difference

✓ Outcome: Confidence restored 🔥