Here is a **complete React.js roadmap (Basic → Advanced)** presented as a **clean topic-wise list**.
This is **industry-ready** and perfect for you since you're already learning **MERN stack** and want strong fundamentals before job change.

🔰 1. Web Fundamentals (Must Before React)

- HTML5 semantics
- CSS3 (Flexbox, Grid)
- JavaScript ES6+
  - `let`, `const`
  - Arrow functions
  - Destructuring
  - Spread / Rest
  - Array methods (`map`, `filter`, `reduce`)
  - Modules (`import`, `export`)
  - Promises & `async/await`
  - Event handling
  - DOM basics

2. React Basics

- What is React & why React
- React vs Vanilla JS
- SPA (Single Page Application)
- Virtual DOM
- JSX
- React project setup
  - Create React App (CRA)
  - Vite (recommended)
- Folder structure
- React Developer Tools

🧩 3. Components & JSX

- Functional components
- Class components (legacy)
- JSX rules
- Fragment (`<> </>`)
- Component reusability
- Rendering elements
- Conditional rendering
- Component naming conventions

🎯 4. Props (Properties)

- Passing props
- Props destructuring
- Default props
- Props drilling
- Children props
- Props vs State

📦 5. State & Events

- State concept
- `useState` hook
- State updates
- Handling events
- Controlled components
- Forms handling
- Two-way binding

🔄 6. React Hooks (Core)

- `useState`
- `useEffect`
  - Dependency array
  - Cleanup
- `useRef`
- `useMemo`
- `useCallback`
- `useLayoutEffect`
- Custom Hooks

📁 7. Lists, Keys & Forms

- Rendering lists using `map`
- Key prop
- Dynamic forms
- Multiple inputs handling
- Validation (basic)

🔀 8. Conditional Rendering

- `if/else`
- Ternary operator
- Logical `&&`
- Switch case rendering

🌍 9. React Router (Navigation)

- `react-router-dom`
- `BrowserRouter`
- `Routes` & `Route`
- `Link` & `NavLink`
- `useParams`
- `useNavigate`
- `useLocation`
- Nested routes
- 404 page
- Protected routes
- Role-based routing

🧠 10. State Management

Local

- Lifting state up
- Context API
- `useContext`

Global

- Redux fundamentals
- Redux Toolkit
- Store, Reducer, Slice
- Actions & Dispatch
- `useSelector`, `useDispatch`
- Async thunk
- Redux vs Context

🌐 11. API Handling

- REST APIs
- Fetch API
- Axios
- GET / POST / PUT / DELETE
- Loading & error handling
- Environment variables
- Pagination
- Debouncing

🎨 12. Styling in React

- Inline CSS
- CSS files
- CSS Modules
- Styled Components
- Tailwind CSS
- Bootstrap
- Material UI (MUI)
- SCSS

⚙️ 13. Advanced React Concepts

- Reconciliation
- React Fiber
- Virtual DOM vs Real DOM
- Lazy loading
- Code splitting
- `React.memo`
- Error Boundaries
- Portals
- Forward refs

🔐 14. Authentication & Authorization

- Login / Register flow
- JWT authentication
- Protected routes
- Role-based access
- Token storage

- Session handling

🧪 15. Testing

- Unit testing
- Jest
- React Testing Library
- Component testing
- Snapshot testing

🚀 16. Performance Optimization

- Memoization
- Avoid re-renders
- Key usage optimization
- Lazy loading components
- Bundle optimization

📦 17. Build & Deployment

- Production build
- Environment configs
- Netlify
- Vercel
- GitHub Pages
- CI/CD basics

🧩 18. Architecture & Best Practices

- Folder structure
- Clean code
- Reusable components
- Custom hooks
- MVC pattern in React
- Atomic design
- Error handling
- Logging

💼 19. Real-World Projects (Must Do)

- CRUD Application
- Login / Register system
- Dashboard
- Admin Panel
- Blog App
- E-commerce frontend
- MERN Stack Project

📌 20. Interview Preparation

- React lifecycle
- Hooks interview questions
- Redux interview questions
- Performance questions
- Coding challenges
- System design basics

☑ Recommended Learning Order for You

JavaScript → React Basics → Hooks → Router → API → Redux → Advanced → Projects