ReactJS Internship Interview Cheat Sheet

1. Project Overview

- Built a landing page for a PDF tool using React + Tailwind CSS

- Features: dark mode, animation, responsive layout, smooth scroll

- Routes: '/' for main page, '/editor' as placeholder

2. Why these tools?

- React: component-based UI

- Vite: fast build, fast reload

- Tailwind CSS: utility-first, responsive out of the box

3. Responsive Design & Dark Mode

- Used Tailwind breakpoints (sm:, md:, lg:)

- Used Tailwind's dark: class and localStorage for theme

4. React Basics

- Props: data from parent, read-only

- State: internal, changeable

- useEffect: runs after render, can control when it runs

5. Animation (Framer Motion)

- Easy to add motion (fade, slide)

- Respects system motion settings

6. Routing

- Used React Router

- Added placeholder route to avoid 404s

7. Git & Version Control

- Use branches like feat/hero

- Push, pull, commit often

- To remove .env:

  git rm --cached .env

  echo ".env" >> .gitignore

  git commit -m "remove .env"

8. Accessibility (a11y)

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- Semantic tags like <h1>, <button>

- Good contrast colors

- Used aria-hidden for icons

9. Improvements

- Add real PDF editor

- Save annotations with localStorage

- Deploy with preview links

10. Teamwork & Help

- Try fixing errors for 20-30 mins

- Ask teammates with clear info

- Document code for easy understanding

Quick Tips

React: component UI

Vite: fast build tool

Tailwind: quick styling

useState/useEffect: handle data and logic

Responsive: use sm:, md:

Dark Mode: dark: + localStorage

Framer Motion: clean animations

Git: branch, commit often

Routing: avoid 404s

Help: ask smartly