1. JavaScript Frameworks/Libraries

- o React.js (including JSX, hooks, state management)
- o Vue.js or Angular (if preferred)

2. CSS Preprocessors

o SASS/SCSS, LESS

3. Package Managers

o NPM or Yarn

4. Basic Web Performance Optimization

- Lazy loading
- o Image compression

5. Testing Fundamentals

o Jest, Mocha, or other basic testing frameworks

6. Basic API Interaction

Fetch API/Axios

Advanced Skills

1. Advanced JavaScript

- Asynchronous JavaScript (Promises, async/await)
- o Closures, Prototypes, Scope, and this

2. Advanced CSS & Animations

- CSS Transitions & Animations
- CSS Variables

3. Frontend Frameworks Ecosystem

o Next.js (React SSR/SSG), Nuxt.js (Vue SSR)

4. State Management Libraries

o Redux, MobX, Vuex

5. Advanced Testing

o Integration and End-to-End Testing (Cypress, Selenium)

6. Web Accessibility (a11y)

- ARIA attributes
- Accessible forms and navigation

7. Performance Optimization

- Code splitting
- Webpack optimizations

8. Progressive Web Apps (PWAs)

- Service Workers
- Offline Support