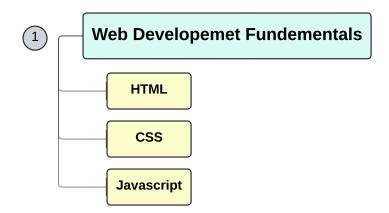
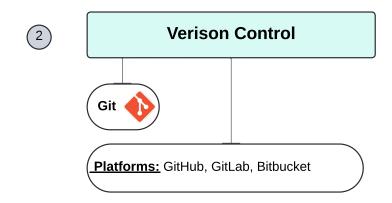
Frontend Developer Roadmap





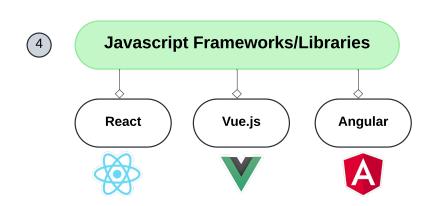
CSS Frameworks & Preprocessors

Frameworks {

Bootstrap, Tailwind CSS}

Preprocessors {

Sass, Less}



(5) Package Managers & Build Tools

- <u>Node.js & NPM (or Yarn)</u>: Learn to manage JavaScript dependencies.
- **Bundlers/Task Runners**: Webpack, Vite, or Parcel for bundling code; Gulp for automating tasks.

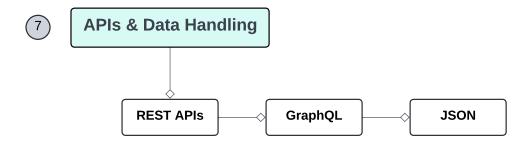
6 State management



- Context API: For simple state sharing across components.
- Redux or Zustand: For complex state management.



• Vuex: Official state management library.



9 - Testing

10 - Deployment & Hosting:

- <u>Hosting</u>: Deploy apps using **Netlify**, **Vercel**, or **GitHub**
- <u>CI/CD Pipelines</u>: using tools like **GitHub Actions**, **Travis CI**, or **Jenkins**.

8 - Advanced CSS:

- **CSS Animations**: Transition, transform, and keyframe animations.
- CSS-in-JS: Learn tools like Styled Components, Emotion (for React).
- CSS Architecture: BEM, SMACSS for writing scalable CSS.