



COMPLETE FRONTEND ROADMAP



HTML & CSS Fundamentals:



- Semantic HTML
- CSS basics (selectors, cascading, inheritance, units)
- CSS layout (display, position, float, flexbox)
- CSS architecture (BEM, SMACSS, OOCSS)
- Responsive design
- CSS preprocessors (Sass, Less)

JavaScript Fundamentals:



- Variables, data types, functions, scope
- Asynchronous programming (Promises, async/await)
- ES6+ features (let, const, arrow functions, template literals, destructuring, etc.)
- DOM manipulation
- Event handling
- Debugging tools (Chrome DevTools)



JavaScript Frameworks & Libraries:

- ReactJS
- AngularJS or VueJS
- Redux or MobX
- Router (React Router or Angular Router)
- Testing frameworks (Jest, Mocha, Chai, etc.)





Build Tools & Workflows:

- Webpack
- Babel
- NPM scripts
- Git
- Continuous integration/continuous delivery (CI/CD)
- Command line tools (Terminal, Bash)



Additional Front-end Technologies:

- Web components
- Web accessibility ([WCAG](#))
- Progressive web apps ([PWA](#))
- Server-side rendering ([SSR](#))
- GraphQL
- CSS-in-JS



Soft Skills & Career Development:

- Communication skills
- Time management
- Teamwork
- Project management
- Networking
- Learning new technologies
- Continuously learning and improving.



This is just a **sample roadmap** and can vary depending on the **specific requirements and goals** of a project or an individual's career.

A simple line drawing of a stick figure sitting on the ground, leaning forward with its chin resting on its hand, appearing to be in deep thought. Above the figure's head is a large, cloud-like thought bubble. Inside the bubble, the word "Note :" is written in a bold, red, sans-serif font. Three small circles lead from the figure's head to the bottom of the thought bubble.

Note :