**HTML / CSS Essentials:**

1. Box Model

2. positions

3. Display properties

4. working with fonts

5. Different unit measurements (example : %, px and rems)

6. how to create a responsive layout

7. Important basic tags that we need to learn in HTML

8. HTML5 API’S such as session storage, local storage, cookies etc..

9. Effectively applying the CSS framework to create the pages

10. Responsive testing

11. media queries

12. responsive images etc..

13. working with forms and controls

14. Debugging HTML / CSS

Few links which you can keep as reference

Below is the link for checking to see what all the features supported in different browsers : <https://caniuse.com/css-fixed>

<https://developer.mozilla.org/en-US/docs/Learn/CSS/CSS_layout/Introduction>

<https://developer.mozilla.org/en-US/docs/Learn/CSS/CSS_layout/Responsive_Design>

<https://blog.froont.com/9-basic-principles-of-responsive-web-design/>

<https://css-tricks.com/almanac/properties/d/display/>

<https://css-tricks.com/almanac/properties/m/margin/>

<https://css-tricks.com/almanac/properties/p/padding/>

<https://css-tricks.com/almanac/properties/p/position/>

<https://css-tricks.com/almanac/selectors/>

<https://css-tricks.com/pseudo-class-selectors/>

<https://css-tricks.com/almanac/properties/b/background/>

**Essentials of JavaScript / ES6**

1. Scope of variables (Let Const etc.)

2. Different loops when to use what (foreach, .map, .filter, for-in, for-of, while etc.)

3. Arrays, JSON and object manipulations (Creation, Updation, Deletion)

4. Data types

5. Functional way of writing the components

6. Es6 features like Spread, Destructuring, arrow functions vs ordinary functions, rest operators

7. Debugging - Try with Different browsers, RWD

8. Immutability concepts

9. Modules

10. Classes

11. operators

12. native way of doing API call (fetch)

13. promises, async await

14. Error handling

15. Basic DOM related concepts like (Window object, Basics of DOM manipulation etc..) / events in JavaScript

Make sure that you are learning these concepts thoroughly.

Important references Links :

<https://javascript.info/>

<https://developer.mozilla.org/en-US/docs/Web/JavaScript/Guide>

**Essentials of Angular**

1. What is single page application.

2. Knowing Angular CLI essentials.

3. Folder structure using Angular.

4. Components and its structure. Reusability

5. Templates and views

6. Pipes

7. Data Binding

8. Modules

9. Component communication (i.e. Parent to Children and Children to Parent).

10. Angular Services

11. Dependency Injection

12. Service call using Angular

13. Directives

14. Routing using Angular

15. Routing Guards

16. Forms using Angular

17. Best practices

18. Debugging

19. Lazy Loading with Routing

20. RX JS and observables

<https://indepth.dev/angular>