CoEdify

UI/UX Full Stack Web Developer. Complete Program

1) HTML5

24. HTML Charset and Forms

2) CSS3

1. CSS3 Syntax

2. CSS3 How To

3. CSS3 Colors

4. CSS3 Backgrounds

5. CSS3 Boarders

6. CSS Padding

7. CSS Height/Width

8. CSS3 Gradients

9. CSS3 Shadows

10. CSS3 Text

11. CSS3 Fonts

12. CSS3 2D Transforms

13. CSS3 3D Transforms

14. CSS Links

15. CSS Lists

16. CSS Tables

17. CSS Box Model

18. CSS Outline

19. CSS Display

20. CSS Max-width

21. CSS Position

22. CSS Float

23. CSS Inline-block

24. CSS Align

3) JavaScript

10. JavaScript Boolean
11. JavaScript Comparisons
12. JavaScript Conditions
13. JavaScript Switch
14. JavaScript Loops
15. JavaScript Type Conversion
16. JavaScript RegExp
17. JavaScript Errors
18. JavaScript Debugging
19. JavaScript Hoisting
20. JavaScript Strict Mode
21. JavaScript Functions
22. JavaScript Objects
23. JavaScript Forms
24. JavaScript HTML DOM
25. JavaScript BOM
26. jQuery

4) Angular

1. Angular JS Basics

- What is Angular JS?
- Why Angular JS?
- Why MVC matters
- MVC-The Angular JS way
- Features of Angular JS ,Model-View-Controller
- My First Angular JS app

2. Angular Expressions

- All about Angular Expressions
- How to use expressions, Angular vs JavaScript

3. Filters

- Built-In Filters, Using Angular JS Filters
- Creating Custom Filters

4. Session 8: Directives

- Introduction to Directives, Directive Lifecycle
- Binding controls to data, Matching directives
- Using Angular JS built-in directives
- Creating a custom directive

5. Controllers

- Role of a Controller, Controllers & Modules
- Attaching Properties and functions to scope
- Nested Controllers, Using Filters in Controllers
- Controllers in External Files

6. Angular JS Modules

- Introduction to Angular JS Modules
- Bootstrapping Angular JS

7. Angular JS Forms

- Working with Angular Forms, Model Binding
- Forms Events, Updating Models with a Twist
- Form Controller, Validating Angular Forms
- $error object

8. Scope

- What is scope, Scope Lifecycle
- Scope Inheritance, Scope & Controllers
- Root scope, Scope Broadcasting
- Two-way data binding, Scope Inheritance
- Scope & Directives, $apply and $watch
- Scope Events

9. Dependency Injection & Services

- What is Dependency Injection
- Creating Services, Factory, Service & Provider
- Using Dependency Injection, What are services
- Using Angular JS built in services

10. Single Page Application (SPA)

- What is SPA, Pros and Cons of SPA
- Passing Parameters, Changing location
- Installing the ng Route module, Configure routes
- Resolving promises, Creating a Single Page Apps

11. Angular JS Animation

- ng Animate Module, CSS Transforms
- CSS Transitions, Applying Animations

5) React

1. Introduction to ReactJS
- History of front end libraries
- Motivation for using React
- Key differentiators (Virtual DOM, One way binding)
- Thinking in React

2. React Components
- React component
- Render function
- Component API
- Component lifecycle
- State
- Props
- Mixins
- JSX

3. React internals
- Reconciliation algorithm

4. Component inter communication
- Component composition
- Pass data from parent to child
- Pass data from child to parent

5. Component styling
- Radium
- CSS Modules
- LESS/SASS

6. Unit testing components
- Jasmine
- React test utilities

7. Performance optimizations
- PureRenderMixin
- Expensive DOM manipulations
- Performance tools