Angular questions

Angular 2+ version differences.

Angular Life cycle hooks.

What is Shadow DOM?

What do to for Performance Improvement of our application?

How to avoid memory leaks?

What are REST APIs?

Angular 8 features.

What is a Promise?

What are Observables?

Promise Vs Observables, when to use what?

Observable chaining.

RxJs operators like: map, switchMap, tap, forkJoin, merge, filter, catchError, take.

Error Handling in observables.

Observables subscribing and unsubscribing. (When to unsubscribe. how to unsubscribe, why unsubscribe, and more tricky questions around this.)

Pipe with observable to use rxjs operator.

Challenges faced in current project and how to overcome that.

If method containing subscribe called again and again, what will happen ? Will be subscribed multiple times? If no how does angular handle it ?

How to update angular to upper versions ?

How to take HTML element reference in TS file?

How to dynamically update any HTML element from TS file?

How the execution of method having subscribe method is done by angular?

Observables are asynchronous, can you call unsubscribe after subscribe in the same method...at what point you can call unsubscribe or any other way?

Changes/improvements in Angular with different versions

Performance considerations using Angular

How to ensure there are no memory leaks?

RxJS operators and Component Lifecycles

caching errors using Observables and pipes in Angular

How to create Angular Libraries

Angular component making

library

hoisting

inheritance

var let const diff

curring

get put post patch delete

rest VS soap

token system

object clone, array clone

event creation , delegation, bubbling, propagation

async , await promise

coding guidelines

closure pattern

global scope, local

http https

observable

dependency injection

singleton

design patters

how many scopes

testing framework in angular

responsive how to make

improve performance guidelines

lazy loading

debugging - network tab

angular 8 new features

routing / directives / pipes / lazy loading / @input @output /

event listener, listen dispatch

Difference between == vs ===

Difference between var & let

If we write "i=0;" what this mean. HINT: global variable declearation

Javascript:

Javascript Object vs JSON Object

setTimeOut() vs setInterval()

Immediately Invoked Function Expressions

SPAs vs MPAs (Single Page Application vs Multi Page Application)

Minified Javascript Files? How are they minified? How to debug while using minified JS files?

delete operator

null vs undefined

How to show user input on web page?

innerHTML - Disadvantages

Data Binding

Does Javascript have classes?

Web Services? Why are they used

What are APIs?

Why don't we directly access database from Front end?

Benefits of Web Services

Angular

Angular X features

Data Bindings

String interpolation

Dependency Injection VS Inversion of control

What is a Directive

Difference between Directive and component

hidden and ngIf

annotation vs decorator

What is a Provider

Angular Life cycle hooks

What is a Library in angular

How to achieve Lazy loading

interceptor in angular

view encapsulation in angular

Observable vs Promise vs subject

Communication between component and module

Passing data between component

Where to fetch data before rendering a component (Life cycle hooks)

Stop or prevent navigation to a particular route (Authgard)

App initializer (configuration before the app is loaded)

resolver

AngularJS

ngShow vs ngIf (AngularJs)

Copy method (AngularJs)

Service

Controller

javascript

Promise

async/await

Call Apply and bind

Hoisting and with let key word

Double and triple equal (Operator) difference

Currying in JS

Difference between Scope and context

Closure in JS

Arrow function pros and cons

Different way to define a variable in JS

Design Patterns (Singleton, Factory, Inversion of control)

Rest and SOAP API

Security of REST API

SOLID principal

Abstract class VS Interface

CSS

Psudo class

Box model css

Problem with using JQuery in Angular

Promises VS Observables – which one you choose and why?

Error handling in Observables

What to cache errors globally in observables?

What is an Angular global error handler that you can specify as a service?

What is Shadow DOM?

What are pseudo-elements, pseudo classes in CSS?

3 Observables – how to link those? (SwitchMap or MergeMap?)

Multiple areas of code calling the same observables. – how to handle that – ShareReply operator

What do you control the size of the library in the Angular?

Any Downsides of mixing Bootstrap and Angular Material? – the library size /bundle will increase and may lead to performance issues.

Angular 8 improvements?

How do you ensure code works properly to do developer level testing and troubleshooting? – Profiling tool in Cli

How to do unit testing? How do you moq?

Did you hear about SPY?

How you were using code coverage?

Lazy loading in Angular?

What is AccessToken, RefreshToken? How to use it when the token has expired?

Worked with DB on the server-side?

Can you create memory leaks on the browser side?

1. Solid Principle

2. How do u improve improvement of slow angular application

3. Different type of http verbs

4. Where do you store application/api key in code/ frontend backend svn or db?

5. How do you share data different components   Singleton, Factory, Abstract Data Factory, Template based

6. Design patterns

7. How can you handle single ton design patter in mult thread environment

8. What is dependency injection   Related to Angular 1

9. Explain angular digest cycle

10. What is the ideal place to perform validate front end or backend (what is half of the validate is front /half on backend)   SSL, SQL Injection Prevention, Prevent CORS

11. How do you secure your web application

Singleton, Factory, Abstract Data Factory, Template based

Related to Angular 1

SSL, SQL Injection Prevention, Prevent CORS