Recent Asked Interview Questions

* **OOP , Java & C# Questions:-**

1. List of 4 Pillar of OOP.
2. What is Encaptulation?
3. What is Abstraction? And why we use it ? Explain Breifly
4. Diff Between Encaptulation and Abstraction
5. What is Inheritance?
6. List the type of Inheritance?
7. What is Polymorphism?
8. Types of Polymorphism?
9. What is Interface? & what’s the use of it?
10. Diff Between Interface and Abstraction?
11. What is Marker Interface?
12. What is final keyword and it’s use?
13. What is Static keyword and it’s use?
14. Diff between Static and final keyword.
15. What is Lamda func in java?
16. Diff Between Throw and Throws
17. What is Association and Generalization in java?
18. What is Exception in java? And what’s the use of it?
19. Type of Exceptions.
20. In System.out.Println() function, What is System,out,and println() ?
21. What is Singleton class in java and C#?
22. What is Type casting in C# and java?
23. What is SingleTon,Scope,Transiant in java and C#?

* **HTML,CSS,JavaScript :-**

1. What is HTML?
2. What is CSS?
3. Difference between Html and CSS?
4. What is the use of JavaScript in WebPages?
5. What is use of Spread Operator in JavaScript?
6. Type of CSS? And It’s Priority and it’s work?
7. Can we use Super in javaScript?
8. What is the use of “this” keyword in javascript?
9. What is Strict in javaScript?
10. What is Call in JavaScript?
11. What Is map and filter in javaScript?
12. Diff between Map and Filter in javaScript?
13. Diff between Let vs Var vs Const in javaScript?
14. Give Name of 5 Tag in Html?
15. Give Name of 5 Tag in Body?
16. Calculate and display in View , how many <p> Tags are written in Body?
17. How many Selectors in HTML,JavaScript,& JQuery? And List of that Selectors?
18. Create Password ShowDown Toggle using javaScript or jQuery?
19. What is DOM in javaScript?

* **SQL :-**

1. What is join in Sql & how many type of join?
2. What is GroupBy in Sql and What’s the use of it?
3. When is use Having and when is use Where in Sql?
4. Can we Write aggregate function in Where condition?
5. Diff Between Having and Where?
6. What is use of “With” in Sql?
7. What is use of “Temp” in Sql?
8. Diff Between “With” and “Temp” in Sql?
9. What is Window Function in SQL?
10. List the Window Functions?
11. What is Store Procedure? What is use of it? With proper Example?
12. Can we use Function instead of SP in SQL for insert , update, delete?
13. Type of Functions in Sql?
14. What is User Define Function? Give A Example of It.
15. What is Sql Injection in Sql? And How to Protect It.
16. What is Index in Sql? And Give Type of Indexing in SQL.
17. What is Indexing and Sharding in SQL?
18. Can we Insert 0 or 1 in to Table through function in SQL?
19. What is SubQuery in SQL? Give One Example of it?
20. What is Key in SQL? List out the type of Key in SQL?
21. What is View in SQL?

* **SQL Queries :-**

1. Write Query for employee , whose salary more then 50000.
2. Table which have many to many Relationship in the table. So you have to create table structure who give all info. In single row.

* Here I have columns Student , CollegeName with data of student have many degrees from other colleges therefore all colleges shown in single row with different degrees in column.

1. Write a Query for employee, where you give Department wise Employee count who have Salary more then 50000.
2. Same above Query but only display that department which’s count more then 10.
3. Write a Query for, find second highest salary from employee table.
4. Write a Query for, Delete the user data which PermissionName equal “DeleteUser”.

* User
  + ID
  + Name
* Role
  + ID
  + Name
* User\_Role
  + UserID
  + RoleID
* Role\_Permission
  + RoleID
  + PermissionID
* Permission
  + ID
  + Name

1. Write A Query for Below Table,

* Product
  + ID
  + Name
  + CategoryID
* Category
  + ID
  + Name
* Retrieve a Single Column with ProductName\_CategoryName as Product

1. Write a Query for, Retrieve data from User Table. Whose Name contain given Word.(Word is taken as input).

* **MERN Based :-**

1. What is React-Router and It’s Type?
2. What is Routing in React?
3. What is StrictMode in React?
4. What is State in React?
5. What is Hook and Type of Hooks?
6. What is UseState and UseEffect?
7. What is Props in React?
8. What is Class Component and Function Component?
9. What is CallBack Function?
10. What is Prop Drilling?
11. What is Virtual Dom And RealDom? Difference Between it?
12. What is ContextAPI?

* **.Net Based :-**

1. What is MVC in ASP.Net Core MVC?
2. Explain MVC lifecycle or pipeline.
3. What is Action filter in Asp.Net MVC?
4. Explain Action filter lifecycle?
5. What is Middleware in .Net and explain it’s pipeline?
6. What is Dependency Injection?
7. Type of Web API in .Net?
8. How to Pass List of Model from Controller to View? And how it manipulate in View Page?
9. What is Boxing and Unboxing in .Net?
10. What is Type Casting In C#?
11. Type of ActionResult and Non-ActionResult ?
12. What is the use of AppSettings.json?
13. How will you maintain the sessions in MVC?
14. What is Partial View of MVC?
15. How is the routing carried out in MVC?
16. Explain the 3 concepts in one line; Temp data, View, and Viewbag?
17. How will you differentiate between ActionResult and ViewResult?
18. How is SpringBoot similar/different to ASP.Net Core?

* **Common Technical Based :-**

1. What is API and why it is use so much in today’s world
2. What is Middleware and How it works?
3. What is JWT and what is use of It?
4. What is Authentication and Authorization?
5. Difference Between Authentication and Authorization?
6. What is Client Side and Server Side Architecture?
7. What is Client-Server Architecture?
8. Type of Protocol in Browser?
9. Difference between Http & Https.
10. What is Status Code? And List 6 Type of Status Code
11. Can you find data from JWT Token?
12. List the Part Of JWT token? What’s it’s use?
13. What is Session and Cookie and It’s use?
14. Difference between Cookie and Session?
15. Which algorithm is used for Bcrypt Password?
16. What is RESTful API?

* **Git Based :-**

1. What is Git?
2. What is Git and Github?