Interview Questions

ASP.NET Questions

1. Describe about your current project?
2. Difference between .Net frame work and .Net core
3. What is the Use of interface?
4. How to publish .Net project?
5. What type of files and folders are there in ASP.NET MVC and .Net core when we create a new project.
6. Advantages of .NET Core
7. Difference between SDK and Runtime in .NET Core?
8. What is .NET Core critical components? Define coreclr, core-fx?
9. What is the startup process for the .NET Core?
10. What is the startup class in ASP.NET Core?
11. What is the use of ConfigureServices method of the startup class?
12. What is the use of Configure Method of the startup class?
13. What is routing in ASP.Net Core?
14. What is DI? Why use DI? What problems does DI Solve?
15. What is Middleware?
16. Types of JSON files in .NET Core
17. What is repository pattern?
18. How is data retrieved from database in asp.net core?
19. What is model class and why we need it?
20. What is database context and why we need it?
21. How can we inject the service dependency into the controller?
22. Latest version of .net Core?
23. What is Request Delegate?
24. Application migration from .NET Framework to .NET Core

\* Steps

\* Challenges

\* How will you tackle the challenges?

1. If you've hosted a .NET application in IIS? Explain the steps.
2. Can we host .NET Core application in Linux environment?

**ASP.NET CORE Questions**

1. What is the base class for API Controller?
2. Why do we use the appsettings in asp.net core?
3. What are the types of filters in MVC?
4. Difference between viewbag and viewdata?
5. Difference between constants and read-only?
6. How is data retrieved from database in asp.net core?
7. What is the startup process for the .NET Core?

**SQL Questions**

1. What is difference between SQL Function and Stored Procedure?
2. Can we write triggers inside SQL Function or Stored Procedure?
3. Can we call function inside Stored Procedure?
4. Can DML be used in SQL functions or stored procedure?
5. What are magic tables in SQL server?
6. What is check Constraints?
7. What is difference between UNION and UNION ALL?

**Angular Questions**

1. What is Route -module?
2. What are Pipes?
3. What is App-module
4. Why do we use angular?

Questions for Bijay

1. Introduction
2. Cross Question on the CV like college graduation date and Employment time.
3. Current project and role in the current project.
4. Explain some of the modules in your current project.
5. Cross questions on the current project.
6. How does your day start and how do you plan it?
7. Whom do you report your work?

Questions for Bhuwan

1. Give me your brief introduction and current company and current project.
2. Can you explain your current project and the module you are working on.
3. Do you have experience in any other database beside SQL Server.
4. How much experience do you have in client-side technologies like bootstrap, jquery, css, html.
5. Tell us the ranking that you have on these technologies, asp.net, SQL server, Client-side tech.

**SQL Questions**

1. What is composite key? Primary key and composite key are same?
2. Difference in truncate and delete command.
3. Difference in char and varchar data type.
4. Why do we use identity?
5. If we have identity column like 1,2,3,4,5 and we deleted 3rd row then while inserting new row where will the new row will be inserted , will it be inserted in 3rd row or next row?
6. Do you know any loop in SQL?
7. What is the use of temporary tables in SQL?
8. Where is that temporary table is created in database.
9. Can we use try catch in SQL?
10. What are the drawbacks of using indexes in database?
11. What is the difference between CHECK and DEFAULT.

**C# Questions**

1. What is the difference between string and string builder?
2. What is the partial class? In which scenario partial class is used?
3. What is the usage of application pool?
4. What is cross page posting?
5. What is reflection?
6. I have a website where I need to show the number of people visited the website, where should I write a code to show this number?
7. I have a function that accepts 2 parameters and returns 4 parameters a+b, a-b, a/b, a\*b. how can I achieve this?
8. What is the difference between read only and constant?
9. What is optional parameter?
10. Difference between ref and out keyword?