House of code interview questions...

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1st technical round : -

Complete interview was based on .net and SQL

1. Tell me about yourself?

2. what was your project?

3. what was your role in that?

4. what is overloading and overriding?

5. what are different data types in .net?

6. what is difference between for loop and while loop?

7. how will you create infinite for loop? and what condition u will write to come out of it?

8. what is ado.net?

9. what is entity framework?

10. what is rest?

11. sql queries

12. what are joins? types of join? which is faster between cross and inner?

13. what is normalization?

14. having and where clause difference?

2nd Managerial

1. Tell me about yourself?

2. what was your project?

3. why should we hire you?

4. why you have scored less % in 12th?

5. what will you offer HOC after selection?

6. What is CLR CTS

7. .net program execution

8. how much will you rate yourself in .net?

9. how much will you rate yourself in SQL?

10. What is exception? some twisted questions on exceptions.

11. 3 SQL querries - groupby and aggregate functions

12. What is delegate?

13. difference between const, readonly, dynamic keyword?

14. what is abstract class and interface ?

15. what is static keyword?

Technical round

Introduction

Explain project

how would you solved the problem of access denied?

what is the difference between for and while loop

can while loop be infinite and if yes how(ans-while(true))

Difference between delete and truncate?which one is faster and why?

Write a query whose 1 st letter is not starting with 'a' letter

Difference between having and where

A query related to having and where

what is transaction? explain acid properties

difference between constant and static

what is encapsulation and abstraction?

what is abstract class?

Query related to groupby and aggregate

what is normalization?

Managerial round

Introduce yourself

Explain project

how much you rate yourself in dotnet and sql

Related to my previous job

what is CLR

What are datatypes in .net?

basic explanation on any of the .net keywords(const,static,readonly..)

what are my strengths

why should we hire you?

what are my plans for higher studies?

About my family members

Tell something about HOC

Round 1- Technical

Tell me about yourself.

Which project have you done in CDAC?

What is your role in the project? Explain functionality (Suppose our are the user and explain all working)

What is .net?

what is CLR?

How it is support interoperability? (need to explain CLS andCTS)

what is namespace? (they want how it used to avoid name Collision)

What methods available in Object class?

Do you know about triggers?

How will you define it?

What is the difference between stored procedure and stored function?

What is the join? Explain right and left join with yourexample

What are Stack and Queue? Application?

What are the Keys in DB?

What is Indexing in DB? need of indexing

What is a transaction in DB?

what is Composite key?

Round 2- Technical+HR

Tell me about yourself.

What is your role in your CDAC project?

How you are adding a new user to your DB?

        they want toExplain all technical details (How angular gathering all data and sending to middle tier and then DB)?

What are services in angular?

How you authenticate the user? Which methods are you used for that?

        Likewise some questions on Project

What is XML and JSON? any difference between them?

what is Web Services?

Why you used JAVA in the middle-tier? Why not .net?

How will you rate yourself in .net? (0 to 10)

Explain c# Application compile and execution process

What is Assembly?

which are diff kinds of Assembly?

What is static variable/method? what is static class in.net? Do we have any static classes in .net?

Difference between Delete and Truncate?

How will you convert user-defined function to stored procedure?

Have you used any stored procedure/function in your project?

What is PK and Unique key?

Do you know Aggregate function how they are different from others

What is trigger in DB? How will you define

What is Normalization?

Explain 3NF with an example.

They gave some random tables and want queries as per their requirements.

It seems you are comfortable with java will you able to work in .net?

What did you learn in CDAC apart from technical things?

Why Electronics Engineering?

Why you left the previous job? what kind of responsibilities you had?

Why CDAC?

Why DAC?

House of Code

Yugandhar. S. Salvi

Technical Round 1

Q] Introduce Yourself?

Q] Tell us Something about ur Project?

Q] How did u Store & retrieve books from database

Q] OOPS implementation done in your project?

Q] Design Pattern used in Project

Q] What is Singleton? Why/When to use Singleton Concept?

Q] Data types in C#

Q] What is Object in C#?

Q] Methods in Object class?

Q] Why it is recommended to overwide methods present in Object?

Q] What is immutability? Have u heard about it?

Q] Why is String class immutable? What do u mean by String class is Immutable?

Q] Difference between String class & String Builder.

Q] How were u displaying the contents of the Book?

Q] Were the Books downloadable? If yes why?

Q] What How were u going to use ePub reader/module in your Project (Angular)

Q] What could be the methods that in ePub module to accomplish this?

.NET

Q] What is CLR?

Q] Explain the concept of Object destruction in .NET?
   Ans:- Garbage Collection, dispose (), finalize ()

Q] Difference between Value Type and Ref Type?

Q] Explain the data type present in both Value Type, Ref Type?

Q] Know about Exception Handling?

Q] What happens in this Scenario

1)
```
try
{
    Console.. WriteLine (10/0);
}
catch (Exception e)
{

}
catch (Arthimethic Exception e)
{
    -
}
```

2)
```
try { Person p = null;
console.writeline (p. to
    String ());
}
catch ( Arithmetic Except^n e)
{ -
}
finally
{
    -
}
```

Q] Will finally block get executed in case of 2nd Scenario

Q] What will happen in case of Scenario 1 2 ?

Q] What do you think will happen in 1st Case? Why? How ~~Should~~ would you correct it if there is anything wrong?

Q] In case of 2nd Scenario will finally block be executed? If yes then when?

Q] How is data Stored in case of Value Type and that of Ref Type?

Database

Q] What is transaction?

Q]

Emp		
EmpId	EmpName	Project Id

Project	
Project Id	Project Name

Query to get those employee who are working on a Project

Query to get employee who are Hot working on a Project

New - Emp			
EmpId	EmpName	DeptName	Salary

Q] Query to find max Salary dept wise

Q] Query to find avg Salary with Employee Name for every department

Q] What are Views?

Q] What is Stored Procedure?

Q] What is Normalization?

Q] Explain all the Normalization forms forms you know?

H.R.

Q] Introduce Yourself

Q] You like to Keep Up With Current Events, Can you tell us about any of the event you know?

Q] Explain the flow of your Project w.r.t Functionality?

Q] Tell us more about User Authentication?

Q] In extra circular activity, you mentioned about Sea Cadet Corps, what was that about?

Q] Where do you Stay? Is it your Permanent Residence?

Q] Any Question for us?