

The following topics are areas that will be covered (assessed) in the interview. Solid understanding of the concepts and practical experience is expected.

OOAD (Object Oriented Application Development)

* Methodology
* Types of UML Models used

Design Pattern

* Basics of design pattern
* Factory, Singleton, Observable…
  + What is it?
  + How to implement it?
  + What are the advantages?

ASP.NET MVC

* Basic concept of .Net MVC
* Routing , Filters, Authentication and Authorization
  + What is it?
  + How to implement it?

C# & OOPS

* Pillars of OOP, SOLID principle
  + What is it?
  + How to implement it?
* C# access modifier types and their difference
* The difference between Interface, Abstract class and Sealed class

EF/ORM Tools

* Basics of ORM tools
* Basics of EF
  + What is it?
  + How to implement it?
  + What are the advantages?
* Performance related comparison
* Transaction management in EF
* Concurrency management in EF

WCF

* What is it?
* How to implement it?
* What are the advantages?

RESTful Services

* Basic concept of REST
* Web API
  + What is it?
  + How to implement it?
  + What are the advantages?
* Authentication / Authorization

Database

* View, Stored Procedure, Index, Relationship
  + What is it?
  + How to implement it?
  + What are the advantages?
  + Difference between each other

DevOps

* Repository (GitLab, BitBucket, …)
* CI /CD
  + What is it?
  + How to implement it?
  + What are the advantages?

Unit Testing

* Basics of unit testing
  + Library used

HTML5

* Basics of HTML
* New Additions in version 5

CSS3

* Basics of CSS
* New Additions in version 3

JavaScript

* Language knowledge
* Practical experience

Angular

* Basic concepts
* Experience in component, routing, service, forms, testing…

**Good Luck!!**