.NET DEVELOPMENT

Ociuz
ACADEMY

Why .NET DEVELOPER?

A . NET Software Developer Is A Software Developer Who Specialises In Building Software For Microsoft's Windows Platform. They Work With Programming Languages Compatible With Microsoft's . NET Framework, Including VB.NET, C# (C Sharp) And F# (F Sharp).

A . NET Developer Is An Information Technology Professional Who Uses The .NET Microsoft Framework To Design And Maintain Software And Applications. They Collaborate With Computer Scientists, Other Web Developers And Clients To Create A User-Friendly, Scalable Application.

Course Structure

➡️ **3 Months Course**

➡️ **3 Months Internship**

➡️ **100% Placement Assistance**

.NET Syllabus

➡️ **.NET INTRODUCTION**

1. Introduction of Dot Net

2. Object Oriented Programming with C#

3. Framework

4. C# Language

5. Developing with Visual Studio2015

6. Dot Net Framework

7. Dot Net Features

8. What is Asp.Net

9. Platform independent .NET

10. CLR

11. CLS

12. Name space (.Net Framework Class Library)

13. Types Of Application (console, windows, web)

CONSOLE APPLICATIONS

1. Basic Programs(basic operations, OOP programs,Ado.net programs, etc)

2. Sum Of Two Numbers

3. Simple IF program (Condition Statements) (eg:-Largest Number, Grade Printing)

4. IF..Else.. & Nested IF programs (Condition Statements)(eg:-Largest Number , Grad Printing)

5. Switch Program(eg:- Calculator ,Largest Number etc)

6. Program Using For Loop

7. Program Using While Loop

8. Program Using Do..While Loop

9. Program Using For-each or Enhanced For Loop

10. Arrays (1D,2D Array, Matrix Programs), List, Array list and Methods (Examples using For & For-each)

11. String Functions (Examples)

12. Dictionary (Definition, Syntax, Examples)

13. Class And Function (Syntax & Programs)

14. Inheritance (Simple, Multilevel, Hierarchical Programs)

15. Why Interface, Syntax and Examples

16. Exception Handling (syntax & Examples)

17. Events And Delegates (Definition, Syntax, Examples)

SQL SERVER

1. Database & Tables

2. Scalar & Aggregate Functions

3. Views

4. Stored Procedures

5. Function Creatio

ASP.NET

1. Coding Standard

2. Basic Controls

3. ADO.Net Classes

4. Database Operations

5. State Management

6. Data Representation Controls(Grid view, Form view, Data List, List View, Details View, Repeater, chart)

7. Ajax Controls

8. Validations & Navigation

9. Report Generation

IIS HOSTING

1. Introduction to IIS

2. Hosting Website IIS

ADVANCED WEB COMMUNICATION

1. WCF

2. What is WCF

3. Features of WCF

4. Advantages & Disadvantages Of WCF

5. Difference between Web Service and WCF

6. Connecting A Web Site and WCF

7. Insert, Update, Delete, Select Query in WCF

8. Select Query Using Data Sets And Data Adapter

9. Web API

10. What is Web API

11. Features of Web API

12. Advantages & Disadvantages Of Web API

13. Insert, Update, Delete, and Select Query in Web API

THREE TIER ARCHITECTURE

1. Definition Of 3Tier

2. Features Of 3Tier

3. Database Operation

4. Stored Procedure

5. Insert, Update , Delete, Select using Stored Procedure in Sql Server

6. 3Tier in Web Application

➡ ENTITY FRAMEWORK

1. DB Operations

2. Definition Of EF

3. Features Of EF

4. Insert, Delete, Select, Update in EF

5. List

6. Select Multiple Columns in EF

7. Select Distinct Columns in EF

8. Min, Max, Group By, order by Queries in EF

9. Grid view, Form View, Data List in EF (select, Update, Delete)

➡ MVC

1. Define MVC

2. HTML, CSS, Bootstrap, JavaScript, Jquery, Ajax

3. Features of MVC

4. Creating Model and Views and Controller

5. DB Operations

6. Razor in MVC

7. Insert, Update, Delete, Select, List in MVC

8. Web Grid in MVC

9. Designing Table with HTML, CSS etc just like Form view, Data List etc

10. Drop-down list selection (Different types)

11. Radio Button List, Radio Button Selection etc

12. Ajax with JSON (Binding Table , To Get Age through Year Selection, Calendar Selection etc)

➡ CORE

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