C# DOT NET Online Training Program

Be a Programmer with confidence
Powered By Logyscal Solutions & in-collaboration with Softchief Learn

This online training is designed for candidates who want to be a programmer in Microsoft Dot NET using C# programming language. The training is a project-based training which gives more confidence on working in projects in dot net technology stack.

Duration	60 Hours
Price	20k INR
Level	Intermediate
Audience	Freshers, Consultants, Functional Consultants & Business Analysts
Trainer	Sanjay Prakash (Microsoft MVP & MCT)
Project	Career Hub (A Unified Website for Job Seekers & Employers)
1	Basics working Skills of HTML, CSS, JS (Intensive), jQuery (Intensive), Bootstrap	**Week 1**
2	C# Dot Net Programming Language	**Week 2**
3	Console Applications	**Week 2**
4	SQL Server	**Week 3**
5	Entity Framework Core & Working with JSON	**Week 3**
6	Class library	**Week 3**

| 7 | Web API Development | **Week 4** |
| 8 | ASP Dot Net Core MVC Web App | **Week 4** |

1	**Basics working Skills of HTML, CSS, JS (Intensive), jQuery (Intensive), Bootstrap**
1	Introduction to HTML, CSS & Web Pages – HTML Tags, Inline Styles, CSS Selectors
2	Working with JavaScript, Namespace convention of JS, Form Validation, Loops, Variables
3	Understanding jQuery, Validations, Field Value Interaction, jQuery Traversing, Use in Pages
4	Working with Bootstrap for Responsive Apps- Grids, Classes

2	**C# Dot Net Programming Language & SQL Server Database**
1	Introduction to .NET and Understanding C#
2	Types of Dot net Applications – Console App, Class Library, Windows App, Web App, Web API
3	C# Syntax, Commenting, variables, Data Types, Type Casting, Boxing, Un-Boxing, Operators
4	User Inputs & System Outputs, Control Statements (If Else, Switch)
5	Loops (For Loop, For Each, While and Do While), Break, Continue
6	Arrays, Methods, Parameters, JSON
7	OOPS Concept & Implementation (Namespaces, Class, Object, Data Members, Member Functions, Constructors, Access Modifiers, Inheritance, Abstract Class, Polymorphism, Interface, Exceptions
8	**Working with SQL Server** DQL, DML, DCL CRUD Operation Create Tables, Columns Insert Record, Retrieve Records, Update Records, Delete Records using SQL Queries Where Clause, order By, Inner Joins Stored Procedures
9	**Working with ADO.NET** ADO.NET Classes and Objects, Connecting SQL Server from C# Application Create record in SQL Server using C#, Insert, Retrieve, Update, Delete records from C# in SQL DB

3	ASP.NET Web Development
1	**Introduction to ASP.NET** Concept of Web Programming HTTP, IIS for Dot NET Web Apps
2	**ASP.NET First Application** Project Structures, Folders, Web Config, references, Browser Interaction, Client Server, Hello World, ASPX, CSS, HTML, JS, jQuery, Bootstrap, C# usage, Page Life Cycle. Events, validators, Server Controls, State Management, Query strings
3	**Entity Framework** Intro to EF, Installing Entity Framework, Concept of LINQ, Creating EF Data Model Class, Retrieving Data from SQL using SQL, Insert Record, Update record, delete record using EF.
4	**ASP.NET MVC** Understanding MVC Model, Working with Views, Models, Controllers, Routing, View bag, View Data, View Model

4	WEB API
1	Fundamentals of Web API
2	RESTful APIs
3	ASP.NET WEB API Project Sample, IIS
4	ASP.NET MVC WEB API Combo
5	Routing
6	Format Response, Action Result
7	HTTP Request, HTTP Response, Status Codes
8	Real world Project
9	Web API Verbs

| 10 | Web API Authentications & Consuming WEB API in other web apps |