# .NET Developer Program

*This program is focused on how .NET can be used to develop Desktop and Web Applications.*

## Program Introduction

.NET Developer course is to enable personnel to learn, code, and develop Desktop and Web applications. .NET Developer course is the exhaustive coverage of .NET framework and .NET technology.

The objective of the course is to provide the course audience with the tools and knowledge to use the .Net framework to develop Desktop Applications and Web Applications. The majority of the time in the course will be spent learning the development on the live projects.

Get Complete Direction, Full Support, Detailed Coaching, Skill Development and the Greatest things can Happen.

## What you will learn

- Introduction to Web Technologies

- Introduction to .Net - Features of .Net, CTS, CLS, CLR and MSIL

- C# & .Net Basics - Data Types, Type Conversions and Methods in C#

- Branching & Flow Control - Looping, Conditional & Unconditional Branching, Repeating Code Blocks

- Object Oriented Programming - OOPs Concepts, Abstract Classes & Methods, Name Spaces

- Exception Handling – Error Handling, System Defined Exceptions, Try, Catch & Finally

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**DeCode Classes - Mission:**

We've set out on a mission: vanquish traditional coaching and make embraced wisdom academy for student's better future, so that students can learn what they have to learn with complete support and direction to shine in IT industry.

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- Delegates and Events, Generics

- Asp.Net Introduction

- Client Side & Server Side (ASP) Controls, HTML Server & Web Server Controls

- Validating User Input

- .Net WebForms

- State Management – Session States & Tracing, Page Submission & Cookies

- ADO.Net and Bound Controls in Asp.Net - Data List, Retrieve Data, SQL data Source

- ADO.Net and Bound Controls in Asp.Net - Form view, Details View and Grid View

- Data Connections with Various Databases

- Database Creation & Linking with UI

- Data Binding - Data Source Control, SqlDataSource Control

- Data Binding - ObjectDataSource Control, XmlDataSource Control

- .Net Error Handling & Debug – Page Level & Application Level Handling

- Security in .Net - Authentication & Authorization, Authorizing Users and roles

- Security in .Net – Windows, Forms, Password Authentication

- Site Navigation

- Ajax Introduction – Explaining Controls in Ajax Tool Kit

- Web Parts – Zone Types, Content & Catalog web part and Personalization Features using web parts

- .Net Additional Concepts – Web Services, Working with Master Pages

- GUI Application Development - Creating Menus, Toolbars, Tree & List View

- GUI Application Development – Programming with Advanced Controls

- Database Programming (ADO.Net) – A Review of Classic ASP

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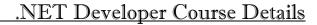
# Tools:

- Visual Studio
- Brackets
- Sublime
- Visual Code
- SQL Management Studio
- Team Foundation Server
- Git Lab
- MySQL
- Postgres
- Node.Js

# Technologies:

- .NET Core
- ASP.NET
- ASP.NET MVC
- WEB API
- WCF
- Windows Forms

## Programming Languages:

- C#
- HTML & XML
- JavaScript
- TypeScript

**Key Factors:**

Our programs are unique and strives on below strategies,

- ➢ *Learn & Grow Through Live Projects*
- ➢ *Learn Latest Trends and Platforms*
- ➢ *Learn from Industry Gurus*
- ➢ *Guest Lectures from Industry Experts*
- ➢ *Communication Skill Development*
- ➢ *Get Industry Exposure*
- ➢ *Career Guidance from Experts*
- ➢ *Equip to Face Interviews*

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