

SPECIALIZATION IN DOT NET WITH SHARE POINT & SQL SERVER

Training program



This training program is highly specialized training program with the duration of 32Credit hours of each module, where the program covers all the major areas of DOT NET Technology, either it is related to Web Based Application or Desktop Based Application or share point with dot net. After this training program you can be able to do work at any project that will be related to DOT NET Framework. This program comprehensively covers all the aspect of DOT NET from fundamentals to SQL & SHAREPOINT SERVER Technology.

This highly specialized and concentrated Program is ideally suited to following individuals who are:

- **Fresh University Graduates and like to pursue a career in Software Development specifically related to DOT NET Technology.**
- **Already work as a Software Developer and like to excel in terms of better position and compensation.**
- **Want to switch from one framework to Microsoft framework and also want to earn the certification in International market.**

Program is offered by: 3D Educators – Trainers & Consultants

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Program Details

Inauguration

The Training Program will be inaugurated by a senior member of 3DEducators

Program Structure

Number of classes in a week	Two Class Per Week
Duration of each class	4 – Hour
Dot Net Fundamentals	Rs.12000/-
ASP.NET – Web based	Rs.15000/-
Desktop Application	Rs.15000/-
Sharepoint With Dot Net	Rs.15000/-
Additional Module	Rs.15000

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About the Program Designer & Instructor

The Profile of Program Designers & Instructors is given below:

The “**SPECIALIZATION IN DOT NET WITH SQL SERVER TECHNOLOGY**” Program has been designed and will be conducted by the Senior Developers and Project Managers who have more than Ten years experience in the field of Development and Project Management.

The Person is Certified on DOT NET and SQL where he has been providing his services in software industry for last 12 years and conducting so many different sessions with the Microsoft and work or develop the real time applications for here and abroad.

The program consists of the following modules:

1. Dot net fundamentals
2. Web based application
3. Desktop application
4. Share point with Dot net
5. Additional Module

At present, faculty is working with computer based technology provider organization in senior position, also involved in training and development for last fifteen years.

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Program Syllabus

The following is a customized course, design with the goal to help developers:

Module 1:

DOT NET FRAME WORK AND FUNDAMENTALS:

Arrays, Generics and Collections

Iterators and Enumerators

Lists, Queues, Stacks and Dictionaries

Using Arrays and Collections

Using Generics

Branching and Operators

Assignment and Mathematical Operators

Increment, Decrement, and Relational Operators

Iteration Statements

Unconditional and Conditional Branching

Delegates and Events

Asynchronous Processing

Callbacks

Event Creation and Usage

Using Anonymous Methods

Exception Handling

Custom Exceptions

Exception Flow

Exception Management

Rethrowing Exceptions

Language

Fields, Methods in Classes

Instance Constructors and Properties in Classes

Language Basics

Static Constructors and Static Classes in Classes

String and Text Handling

Working with Numbers and Enums

Object-Oriented Design

Abstract Classes and Nesting Classes

Inheritance and Polymorphism

Interfaces

Operator Overloading

Specialization and Generalization

Types and Type Members

Access Modifiers and Nested Types

Attributes

Nullable Types and Partial Types Properties and Indexers

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MODULE 2:

ASP - DOT NET 3.5 – WEB BASES APPLICATION

INTRO TO ASP.NET with .net framework 3.5

DEFINING STANDARD STYLES & THEMES

DEFINING MASTER PAGES

CREATING USER CONTROLS

CREATING CUSTOM SERVER CONTROLS

EXTENDING EXISTING CONTROLS

CREATING PORTALS

CREATING & CONFIGURING WEBPARTS

MANAGING VIEW STATE

USING STATE MANAGEMENT TECHNIQUES

ACCESSING DATA BY USING [ADO.NET](#)

GOING FURTHER WITH [ADO.NET](#)

IMPROVING PERFORMANCE BY USING CACHING

MANAGING RESOURCES & LOCALIZATION

[ASP.NET](#) SECURITY ESSENTIALS

LINQ

ENTITY FRAMEWORK

Add On can be:

JQUERY, ASPNET MVC

Module 3:

DESKTOP APPLICATION

VB.NET is one of the two most popular languages for writing .NET applications, and a logical choice if your developers already know VB6. All VB.NET courses shown are delivered at your site.

Our offerings include:

.NET 3.0/3.5 New APIs and Features

- Windows Workflow Foundation Training: Introduction to WF with VB.NET
- Windows Communication Foundation Training: Introduction to WCF with VB.NET
- Windows Presentation Foundation Training: Introduction to WPF with VB.NET
- ASP.NET AJAX Training: ASP.NET AJAX Using VB.NET
- LINQ Training: Introduction to Language Integrated Query (LINQ) for VB.NET

Visual Studio 2008 / .NET 3.5

- ADO.NET Training: ADO.NET Using VB.NET 2008
- VB.NET Training: Advanced VB.NET 2005
- VB.NET 3.5 Training: Introduction to VB.NET 3.5 Programming with Visual Basic .NET 2008
- ASP.NET Training: Beginning ASP.NET 3.5 with VB.NET 2008
- Advanced ASP.NET Training: Advanced ASP.NET 3.5 with VB.NET 2008
- Building Windows Applications with VB.NET 2008 training

Module 4:

SHAREPOINT WITH DOT NET

End Users / Site Administrators

- 00. Introduction
- 01. Functional Overview
- 02. Security - Authorization
- 03. Office Integration
- 04. Sites Lists Advanced
- 05. SharePoint Designer
- 06. Office Specific Features
- Extra: Content Query WebPart

System Administrators / Architects

- 07. Central Administration - Web Application Management
- 08. Shared Services - Administering User Profiles, Audiences, Personal Sites
- 09. Shared Services - Administering and Configuring Search
- 10. Site Definitions and Features Architectural
- 11. Single Sign On Administration
- 12. Content Deployment
- 13. Business Data Catalog Administration
- 14. Backup and Restore
- 15. Upgrade From 2003 to 2007

Developers / Architects

- 16. SharePoint API and Development
- 17. Impersonation in SharePoint
- 18. Master Pages and CAML in the Object Model
- 19. Web Parts
- 20. Event Handlers
- 21. Features Development
- 22. Business Data Catalog Development
- 23. Customizing Search
- 24. Workflow Development

Additional Module

SQL Server Reporting Services (SSRS)

- Report types and formats
- SSRS Web Services
- Report Server
- Report Builder
- Model Designer
- Data sources: SQL Server, Oracle, OLE DB
- Single and Web farm deployment

Authoring Reports Creating basic reports

- Tabular
- List
- Matrix
- Chart
- Constructing data sources and Datasets
- Inserting a data region, fields and images

Leveraging expressions

- Calculating fields
- Built-in collections
- Integrating expressions in properties
- Applying conditional formatting
- Best practices for adding images

Grouping and sorting data

- Grouping to multiple levels
- Sorting the results
- Employing aggregate functions

Implementing Parameters and Filters

Building parameters into reports

- Returning subsets of data with query parameters
- Mapping report parameters to query parameters
- Building cascading report parameters
- Changing chart titles programmatically
- Designing reports for the user's national language
- Passing parameters to stored procedures
- Exploiting multivalued parameters

Deploying and Delivering Reports

Deploying reports to the server

- Preparing reports for publishing
- Configuring project properties
- Units of deployment: Individual reports, projects, solutions, data sources
- Checking results with Report Manager

Creating reports with Report Builder

- Deploying Report Builder to users
- Dragging and dropping entities onto charts and tabular reports
- Navigating data with infinite drill through