

Microsoft .NET Framework Certification Training

Microsoft .Net Framework Certification Training makes the delegates expert in using MS. NET Framework. The delegates will learn the latest concepts of Microsoft. Net Framework. The delegates will get to know how to create basic applications using .NET framework.

Objective

Details

Duration: 2 Days

Who is this course for

The Microsoft .NET Framework Certification Training is designed for everyone who wants to become an ASP.NET Web Developer and who wish to learn about the MS.NET Framework.

Course Content

.Net Architecture, Visual Studio IDE

- Introduction to .NET Framework
- Understand the Architecture
- Versions Net
- NET Framework Components
- Visual Studio Versions
- Installation
- IDE components
- Features of Visual Studio IDE
- Creating Project
- Solution Using Visual Studio IDE and Shortcuts in IDE

Introduction to C# .NET and OOPs using C#. NET

- An Overview of the C# language basics
- Importing namespace
- Create Console Application
- Create and implement class, object and method
- Understand about the Polymorphism Inheritance, abstract class, interface and Exception Handling

Windows Forms using C#. NET

- Visual Studio IDE for Windows Forms
- Creating Windows Forms
- Working with controls like Label, TextBox, Button and RadioButton
- Understand about the CheckBox, ListBox, ComboBox and PictureBox
- Dialog, Timer and Handling Events

ADO .NET- Data Access from SQL Server

- NET Architecture and ADO.NET Library
- Creating and Establish database connectivity
- Connection vs Disconnection Model
- CRUD operations using Connection Oriented Model with SqlCommand and SqlDataReader
- Navigation of data in data objects using Disconnection oriented model with SqlDataAdapter DataSet and DataTable

Collections and Assemblies

- Introduction to Collection and Collection API
- Generics and Generic Collection
- Index and Key-Value paired collections and Assembly
- Types of assemblies
- Create Assembly
- Create strong name
- Install Assembly in GAC, Consume class library

ASP .NET

- NET Specification
- Introduction to Webpage and Website
- Web Application and WebServers
- Introduction toPostBack

LinQ, 3- Tier Architecture

- Introduction to Linq
- Linq type queries
- Linq syntax
- Access DataSource like Array, XML and database using Linq
- Introduction to 3-Tier and example on 3-Tier Application

State Management, Ajax

- Introduction to State Management Techniques
- Understand concepts ViewState, QueryString and Session
- Cookie, Application and Cache
- Ajax introduction and Architecture
- Ajax extension controls, Demo Example, Task

Security and Web Services

- Introduction to Security
- Security in ASP.NET
- Authentication- (Anonymous Authentication, Windows Authentication, Forms Authentication)
- Securing a page and folders
- Webservice Introduction
- SOA, SOAP, WSDL and UDDI

Silicon Beach Training Ltd

Moorgate House, 5-8 Dysart Street, London, EC2A 2BX