.NET Windows Form Apps. Development with C#

Windows Software Development Course

WebGanges
Technologies Pvt. Ltd.
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An ISO 9001:2008 Certified Company

Window Based Project Training Course

About Course

The course is basically designed for developers, learners to familiarize with Microsoft.Net using C# .NET. The training period allows the developer to understand different features of .NET used for coding, debugging, tuning and deploying applications of Windows

Prerequisites

Before joining any Professional Programming Courses students should have very basic knowledge of any one programming language like "C", "C++", or any other programming language basics. It will be helpful to understand the subject in easiest and in better way.

Syllabus Overview

Introduction to C#.NET through Console Application

- ❖ Data Types, Tokens & Expressions
- ❖ String Handling
- ❖ Date Time Handling
- ❖ Program Flow Control
- ❖ Classes and Objects
- ❖ Inheritance, Polymorphism and Interfaces
- ❖ Namespaces, etc.
- ❖ Collections
- ❖ File Handling

Introduction to SQL SERVER 2000/2005

- ❖ DML(Data Manipulation Language)-
- ✓ Insert
- ✓ Update
- ✓ Delete
- ✓ Merge

- ❖ DDL(Data Definition Language)-
- ✓ Create
- ✓ Alter
- ✓ Drop
- ✓ Rename
- ✓ Truncate

- ❖ DCL(Data Control Language)-
- ✓ Grant Revoke

- ❖ Data Retrieval- Select
- ❖ Stored Procedures, etc.

Working with Controls

- ❖ **Common Controls:-**
- ✓ Button
- ✓ CheckBox
- ✓ CheckedListBox
- ✓ ComboBox
- ✓ DateTimePicker
- ✓ Label
- ✓ LinkLabel
- ✓ ListBox
- ✓ ListView
- ✓ MaskedTextBox
- ✓ NotifiyIcon
- ✓ NumericUpDown
- ✓ PictureBox
- ✓ ProgressBar
- ✓ RadioButton
- ✓ RichTextBox
- ✓ ToolTip
- ✓ WebBrowser

❖ **Containers:-**
- ✓ FlowLayoutPanel
- ✓ GroupBox
- ✓ Panel
- ✓ TabControl
- ✓ TableLayoutPanel

❖ **Menus & ToolBars:-**
- ✓ ContextMenuStrip
- ✓ MenuStrip
- ✓ StatusStrip
- ✓ ToolStrip

❖ **Data:-**
- ✓ BindingNavigator
- ✓ BindingSource
- ✓ DataGridView
- ✓ DataSource

❖ **Dialogs:-**
- ✓ ColorDialog
- ✓ FolderBrowserDialog
- ✓ FontDialog
- ✓ OpenFileDialog
- ✓ SaveFileDialog

❖ Working in 3 Tier Architecture
❖ Working with DLL files
❖ Database connectivity ODBC, OLEDB, Oracle, SQL Server

Validations

❖ Form Level
❖ Field Level
❖ Key Level

Data Management with ADO.NET

- ❖ Basic ADO.NET Features
- ❖ Using Database Provider
- ❖ Using Connection ,Command, CommandBuilder, DataReader Object
- ❖ Using DataAdapter, DataSet, DataTable, DataView
- ❖ Using Parameters
- ❖ Crystal Report
- ❖ Setup & Deployment

Major Project

- ❖ Major Project with Setup and Deployment