ASP .NET with C# + SEO

Website Development Course

WebGanges
Technologies Pvt. Ltd.
The way to flow your thoughts
An ISO 9001:2008 Certified Company

ASP .NET Training Course

About Course

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

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 helpfull to understand the subject in easiest and in better way.

Syllabus Overview

Introduction to HTML

- ❖ Course Overview
- ❖ Introduction of Internet Technology
- ❖ Web Page Layout
- ❖ Web Development Process
- ❖ HTML Building Blocks
- ❖ Starting Your Web Page
- ❖ Text Formatting
- ❖ Creating/Using Web Images
- ❖ Hyper Links
- ❖ Special Characters
- ❖ Bulleted List
- ❖ Table creation
- ❖ Forms
- ❖ Frames

CSS(Cascading Styling Sheet and Publishing)

- ❖ Introduction to Style Sheet
- ❖ Setting up Style Sheet
- ❖ Formatting Text With Styles

Working on Dreamweaver CS4

- ❖ Introduction to Dreamweaver 8/CS4
- ❖ Interface , Site control, Basics, Linking
- ❖ CSS
- ❖ Tables, Typography, Layout
- ❖ Designing for devices
- ❖ Rollover, Inserting Media Objects
- ❖ Getting your site online through FTP

Introduction to SQL SERVER 2000/2005/SQL Express Edition

- ❖ DML(Data Manipulation Language)
- ❖ DDL(Data Definition Language)
- ❖ DCL(Data Control Language)
- ❖ Stored Procedures, etc.

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
- ❖ Collections
- ❖ File Handling
- ❖ Namespaces, etc.

Working with ASP.NET

- ❖ Introducing ASP.NET
- ❖ Creating Web forms
- ❖ Adding ASP.NET code to a page
- ❖ Handling Page Events
- ❖ Web Server Controls

ASP.NET Web Server Controls:-

- ❖ **Common Controls-**
  Label, Text Box, Button, Link Button, Image Button, HyperLink, Dropdown List, List Box, Check Box, Radio Button, Image, Calendar, Bulleted List, Hidden Field..
  File Upload, Multiview and View, Image Map, AdRotator Server Control, Place Holder Wizard and Panel Controls

- ❖ **Validation Server Control:-**
- ❖ Required Field Validator
- ❖ Range Validator
- ❖ Regular Expression Validator
- ❖ Compare Validator
- ❖ Custom Validator
- ❖ Data Binding in ASP.NET
- ❖ Data Source Control

- ❖ **Data Control:-**
- ❖ Grid View
- ❖ Data list
- ❖ Details View
- ❖ From View
- ❖ List View
- ❖ Repeater, etc.

❖ **Site Navigation Control:-**
❖ SiteMapPath, Menu, TreeView

❖ **Login Control:-**

Login, LoginView, Password Recovery, LoginStatus, LoginName, CreateUserWizard, ChangePassword

Working with Master Pages

❖ Introduction to MasterPage
❖ ContentPlaceHolder and Content tags
❖ Accessing controls of MasterPage in ContentPage
❖ URL's in MasterPages
❖ UniqueID and ClientID

Redirecting User to Another Page

❖ Redirecting Options
❖ Response.Redirect
❖ Server.Transfer
❖ Cross Page Postback
❖ Determine how the pages was invoked
❖ Passing values between pages

ASP.NET State Management

❖ Static Members
❖ View State
❖ Hidden Field in Form
❖ Query String
❖ HttpContext
❖ Cookies-HttpCookie
❖ Sessions-HttpSessionState
❖ Application-HttpApplicationState
❖ Summary of All Features

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

Ajax

- ❖ Ajax Extention
- ❖ Ajax Tool Kit

FTP Management

- ❖ Understanding FTP
- ❖ Setting up FTP Server (Live)
- ❖ Uploading and downloading FTP contents

Sending Emails & SMS

- ❖ Designing Email panel
- ❖ How to send an email to various users
- ❖ Sending auto emails
- ❖ Designing SMS panel
- ❖ How to send an SMS to various users

Deployment

- ❖ Deploying application on Web Server