

WEB APPLICATION DEVELOPMENT

This ASP.NET training class teaches experienced developers the C#.NET/VB.NET, ADO.NET skills they need to successfully build database-driven Web applications and Web Sites. It will guide how to build web-based enterprise applications using ASP.NET and Visual Studio. It will also give the comfort to the attendees developing the Web Services using .Net framework in Service-oriented Architecture.

Course Highlights:

- Gain a thorough understanding of the philosophy and architecture of Web applications using ASP.NET
- Acquire a working knowledge of Web application development using Web Forms and Visual Studio.
- Optimize an ASP.NET Web application using configuration, security, and caching
- Access databases using ADO.NET and LINQ
- More recent ASP .NET features
- Implement rich client applications using ASP.NET AJAX
- Customize Web applications through the use of HTTP handler
- Advanced framework WCF,WPF,MVC

Career Options

- Software Engineer
- Web Developer
- Server Developer
- Application Analyst
- Software Developer
- Programmer
- Asp.net Coader

An Introduction to C#

- Classes and Objects
- C# - Types , Events, Properties, and Methods
- C# - Flow Control and Exceptions
- C# and the CLR,
- C# and Generics
- C# and LINQ
- C# and the DLR
- Object Oriented Programming with C#
- Functional Programming with C#

Web Application (.ASPX Applications)

- HTML 5
- CSS 3
- JavaScript
- Standard Controls with effect of CSS
- Validations with and without JavaScript
- Master Pages
- Page Navigations

ADO.NET (DATA BASE APPLICATIONS)

- Data Controls
- State Managements (Sessions, Query Strings, App.
- Variables & Cookies)
- Minor Project
- Ajax Controls (Ajax Toolkit)

- Crystal Reports
- Web Services
- Mail Sending in .NET

ASP.NET AJAX

- Understanding AJAX Technology
- How AJAX Works
- Building a ASP.NET Page with Ajax
- Using Update Panel Control
- AJAX Server Controls
- AJAX Control Toolkit
- Downloading and Installation

ASP.NET:

- Web forms in ASP.NET , States
- Validation , Login , ASP.NET Administrative tasks
- Learning about SQL basics and advanced queries
- ADO.NET , ASP.NET Data controls
- Ajax Extensions , LINQ
- Working with XML data , Web Services

ADO.NET (DATA BASE APPLICATIONS)

- Data Controls , State Managements
- Variables & Cookies)
- Minor Project . Ajax Controls (Ajax Toolkit)
- Crystal Reports , Web Services
- Mail Sending in .NET, Encryption & Decryption ,
- Connectivity using XML , LINQ
- Client Server architecture



Advanced Concepts

BRIGHT
Computer Education

- Windows Communication Foundation(WCF)
- WCF Configuration
- Hosting WCF Services in Windows Services
- Hosting WCF Services in IIS
- Building Restful services with WCF
- Windows Workflow Foundation(WF)
- Introducing Windows Workflow Foundation
- Programming workflows in WF
- Writing custom activities in WF
- Windows Presentation Foundation(WPF)
- Windows Application using WPF
- Controls, Menus
- Data Binding
- Data Template
- Resources & Themes
- Styles , Commands
- Navigation-Based Applications
- Animation and Media
- Silverlight
- Introduction
- ASP.NET Application with Silverlight
- Using Silverlight Controls
- Programming Silverlight applications
- Creating Silverlight WCF Services

ASP.NET MVC

- Creating a Complete ASP.NET MVC 4 Application
- Using the Razor View Engine
- Industrial-Strength ASP.NET MVC Applications
- View Techniques , Implementing Navigation
- Additional Techniques
- Using AJAX and jQuery with ASP.NET MVC
- ASP.NET MVC & LINQ - working with Data
- ASP.NET MVC 4 Techniques & Best Practices
- ASP.NET Web API with MVC

SQL SERVER Database

- The History of SQL Server and relational databases
- Installing and configuring SQL Server
- SQL Server data storage management
- SQL Server Security management
- SQL Server Backup & Recovery
- SQL Server database Replication

Server Integration

- Publish website on server
- IIS Installation
- Publish Website or Web application on server
- Create Test server
- Create Domain , Create Hosting
- Create Database on Server
- Upload File On server
- Upload Database on server
- Database Backup and Restore on server
- Client Project

Testimonial

I Complete my MCA in rural area so that i can't learn any programming skills ,but when i was joined in BRIGHT EDUCATION i totally changed the way i learn thinking abilities from BRIGHT towards programming are help me to solve any type of real time problems in programming, trust me friends after BRIGHT you can do anything in programming thank you very much.