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Dot Net COURSE DETAILS

DURATION: 3 MONTHS

Mindsapes Technologies

**Off # 01 , Mezzanine Floor, Park View AptNear Usmania
Resturant,13 A, Gulshan-e -Iqbal Karachi, Pakistan. |**

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Dot Net Course

C#.Net Course & Asp.Net Course

C# is designed to be a simple, modern, general-purpose, object-oriented programming language, borrowing key concepts from several other languages. C# is an elegant and type-safe object-oriented language that enables developers to build a variety of secure and robust applications that



run on the .NET Framework. ASP.NET is a web application framework developed by Microsoft that allows developers to build dynamic web sites, web applications and XML web services. ASP.NET can be used to create anything from small, personal websites through to large, enterprise-class web applications. This course focuses on using the Microsoft Visual Studio .NET environment and the Microsoft .NET platform to create an ASP.NET Web application that delivers dynamic content to a Web site.

Course Contents

MODULE 1

C# Console Applications

- *Introduction to C# Programming*
- *Functions and Methods*
- *Variables and Data types*
- *Implementing Arrays*
- *Logical and Conditional Operators*
- *Object-Oriented Programming : Inheritance*
- *Decision Structures (if/else, switch/case)*
- *Object-Oriented Programming : Polymorphism*
- *Looping Structures (while, for, do while)*
- *Object-Oriented Programming : Encapsulation*

MODULE 2

C# Windows Forms Applications

- *Introduction to .Net Framework*
- *Introduction to C# Databases Programming using*

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- *Graphical User Interface Concepts*
 - *SQL Server (DDL, DML, SELECT Statements)*
 - *Creating DLL in C#*
 - *NET SQL Objects and Stored Procedures*
 - *Project 1*
 - *Project 2*
 - *Event Handling Concepts*
 - *Introduction to Transact SQL*
 - *Control Properties and Layout*
 - *Custom Windows Form Controls*
 - *Exception Handling*
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MODULE 3

ASP.NET Applications

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- *Concept of Master Pages*
 - *Introduction to ASP.NET, ADO.NET Programming*
 - *Project 1*
 - *Project 3*
 - *NET Server Controls*
 - *NET Ajax Controls*
 - *NET Validation Controls*
 - *Project 4*
 - *Project 2*
 - *NET Model-View-Controller*
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Participant Profile: This course is valuable for programmers and software engineers who are interested in learning to develop Dot Net applications and websites.

Applicable Job Roles: Web programmers, and Desktop application developers, Mobile developer.

Pre-Requisite: Experience with any programming language (e.g. C/C++, Pascal, VB) is assumed. Familiarity with Web technologies and object concepts will be helpful.

Eligibility: Any graduate (computer/Software Engineering, Computer Science,IT)

Duration: 3 Months

Days: Saturday & Sunday

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