



.net

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About Evision

Evision Technoserve (ISO 9001- 2008) is Fast-Growing and Professionally Managed IT Consulting, Manpower Outsourcing and Staffing Recruitment Company with our operation based in Delhi, Bangalore, Noida, and Kolkata.

Evision has successfully trained and placed 2500+ IT Fresher's. We have Best Placement Record to Wipro, IBM and HCL Companies. Evision Latest Network Infrastructure and High Skill Technical Team provide IT Industry Oriented Training Programs for freshers. We train freshers as per industry needs and make them ready to be absorbed in the IT Industry.

Evision is dedicated to assist the fresher to achieve MNC company standard of quality, ethics and productivity. We Hire, Train and Deliver as per company requirement. We bridge the gap between what is taught in the academics and what the industry demands.

Evision is dedicated to assist the Fresher to be hard core professionals in their domain to achieve corporate standard of quality, employee efficiency and productivity. All fresher behave as a disciplined IT Professional so that they become fit to be a part of modern corporate culture.

About .net

.NET Framework is a software framework developed by Microsoft that runs primarily on Microsoft Windows. It includes a large class library named as Framework Class Library and provides language interoperability across several programming languages

Why .net

- Apponix trainers are well qualified and highly experienced IT professionals.
- We have 100% student satisfaction rate in .net.
- More than 1000 students have given us 5-star rating for .net
- Excellent Lab infrastructure for .net Training.

1. An Introduction to C#

- What is .NET?
- What is the CLR?
- The FCL
- Primitive Types
- Namespaces
- Statements and Expressions
- Operators

2. Classes and Objects

- Constructors
- Reference Types
- Object Oriented Programming
- Inheritance
- Access Modifiers
- Abstract Classes
- Virtual Members
- Static Classes
- Sealed Classes
- Partial Classes

3. C# - Types

- Reference Types
- Value Types
- The struct
- Testing Reference Types
- Testing Value Types
- Passing Parameters
- Strings
- Boxing
- The enum
- Defining Types
- Interfaces
- Arrays
- Assemblies

4. C# - Events, Properties, and Methods

- Methods
- Method Overloading
- Fields
- Properties
- Events
- Events - Delegates
- Events - Subscribing
- Events - Publishing
- Indexers
- Operator Overloading
- Conversion Operators

5. C# - Flow Control and Exceptions

- Branching
- Switching
- Looping
- Using foreach
- Jumping
- Returning and Yielding
- Throwing Exceptions
- Built-in Exceptions
- Handling Exceptions
- Chaining Catch Blocks
- Finally
- Re-throwing Exceptions
- Custom Exceptions

6. C# and the CLR

- Garbage Collection
- Threads
- Async
- Parallel
- Reflection
- Attributes

- Custom Attributes
- COM Interop
- PInvoke

7. C# and Generics

- Why Generics?
- Building Collections Without Generics
- Generic Collections
- Generic Parameters
- Generic Constraints
- Generic Methods
- The default Keyword
- Generic Interfaces
- Generic Delegates
- Variance

8. C# and LINQ

- Extension Methods
- Extensions and Lambdas
- Lambdas and Funcs
- Funcs and Expressions

9. C# and the DLR

- Why Dynamic?
- Using Dynamic Types
- Excel Automation
- The DLR
- ExpandableObject
- DynamicObject
- Calling Ruby

10. Object Oriented Programming with C#

- Primitive Procedural Preoccupations
- The Big Encapsulation
- Little Abstractions
- The Inheritance Check
- A Clean Interface
- Directional Dependencies

11. Functional Programming with C#

- Prime Abstraction
- A Higher Calling
- Lazy Code
- Timing and Retries
- Partial Application and Currying
- Asynch and Parallel
- Multithreading

12. Exploring the .NET Framework

- File I/O
- Resource management with try/finally/using
- Using XML serialization
- Introducing assembly resolution
- Deploying dependent assembly probing
- Using a config file to control probing
- ArrayList
- Hashtable
- SortedList
- Stack and Queue

13. Windows Form

- Introduction to Windows Form
- Form Controls
- User Define Controls

14. ADO.NET

- Connected Architecture
- Disconnected Architecture
- Working with Transaction

15. Windows Presentation Foundation(WPF)

- Windows Application using WPF
- Data Binding
- Data Template
- Styles
- Commands

16. ASP.NET

- Web Application using ASP.NET
- ASP.NET Architecture
- Control-based Programming
- User Interface Elements
- Deployment
- Web Sites, Applications, and Virtual Directories in IIS
- ASP.NET Diagnostics and Health Monitoring

17. ASP.NET Working With Data

- Data Binding
- State Management
- Validation
- Caching

18. ASP.NET 3.5 Security

- IIS 6 & IIS7 URL Authorization
- Forms authentication
- Role-based authorization
- Trimming site maps with roles
- Config file encryption
- ASP.NET Membership

19. ASP.NET 3.5 Advanced Topics

- HTTP Pipeline
- Custom Controls
- Web Parts
- Web Services

20. ASP.NET AJAX

- ASP.NET Ajax Introduction
- ASP.NET Ajax Server Controls
- ASP.NET Ajax Server Data
- ASP.NET Ajax Client-side Library
- ASP.NET Ajax Control Toolkit

21. ASP.NET MVC

- Web Application using MVC Pattern
- Razor View
- Controller
- Model

22. Entity Framework

- Introducing the Entity Framework
- Code First Approach

23. Windows Communication Foundation(WCF)

- WCF Configuration
- Hosting WCF Services in Windows Services
- Hosting WCF Services in IIS
- Building RESTful services with WCF

24. Windows Workflow Foundation(WF)

- Introducing Windows Workflow Foundation
- Programming workflows in WF
- Writing custom activities in WF