


Course Guide

Microsoft .Net Training -Advanced

" It is certainly pleasant to express my gratitude to SKIVA for providing me the right guidance which assisted me immensely in my profession. Even after being an IT graduate, I had a perception that .Net is something I can't outshine in. I joined many trainings but couldn't gain enough knowledge to overcome my cerebral block. However training at SKIVA provided me with a new insight on my capabilities and helped me learn from the basics. With Skiva's help I developed the right skills with required knowledge and it led me to be an expert in .Net. Skiva trainer have great understanding over the subject, which helped me to fill my knowledge gaps."

- Samuel Johnson





Microsoft .Net Training-Advanced

This course is about to gain understanding of advanced level knowledge of Microsoft .Net framework. It will cover advance development using ASP.NET, Data Binding and Web Configuration, C# Advance features, Web Service Implementation and many more advanced topics.

Pre-Requisites

Basic IT education or relevant degree and Microsoft .Net basic knowledge

Course Objectives

- ✓ To get familiar with the advanced level concepts and uses of .Net Framework
- ✓ To gain understanding about current IT industry and Software Development Life Cycle.
- ✓ Learn Tools and Technologies for developing software at advanced level using Microsoft .Net.
- ✓ How to develop and deploy website using .Net at advanced level?
- ✓ How to give IT solutions to the businesses?
- ✓ Help you to prepare and apply for Microsoft .Net Developer position.

Course Audience

- ✓ IT/ CSE Graduate students who want to step into the software development industry
- ✓ Someone who has completed Microsoft .Net basic training.
- ✓ Software Developers can join this course for making their .Net knowledge robust
- ✓ Someone who wants to come in IT market after long break and has basic understanding of .Net Framework

Duration

30 hours/ 8 weeks

Location

Skiva IT Consulting

**Suite 902, Level 9, 175 Castlereagh Street,
Sydney, NSW 2000 Australia**

Course Content

Module 1: Advance Development using ASP.NET

- ✓ Tracing
- ✓ Session State
- ✓ Server Objects
- ✓ Theme
- ✓ Resource Files
- ✓ What is Ajax.Net?
- ✓ Ajax.Net Toolkit
- ✓ AJAX using jQuery Demo
- ✓ Develop Ajax based pages
- ✓ Improve Demo Website

Module 2: Data Bindings & Web Configuration

- ✓ Grid view Control
- ✓ Data List vs Repeater Control
- ✓ Ad Rotator Control Implementation
- ✓ Store and display Image from SQL Server
- ✓ Store and display Image from Network Drive
- ✓ Config Settings
- ✓ App Settings
- Global Configuration Settings
- IIS Settings
- Configure Demo Website

Module 3: C# Advance Features & Software Patterns

- ✓ Implicitly Typed Local Variables
- ✓ Anonymous Function
- ✓ Lambda Expressions
- ✓ Extension Methods
- ✓ Collection Initializes
- ✓ Efficient logical operators
- ✓ What is Software Pattern?
- ✓ Different Patterns
- ✓ Understanding about Factory Pattern
- ✓ Factory Pattern Implementation
- ✓ Extend Demo Website

Module 4: ASP.Net Caching & Performance

- ✓ What is Caching?
- ✓ Types of Caching Techniques
- ✓ Page Level Output Caching
- ✓ Fragment Caching
- ✓ Caching API
- ✓ Caching Tips
- ✓ Memory Management
- ✓ Performance Monitor
- ✓ Improve Demo Website Performance

Book Now

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Module 5: Application Security

- ✓ Encryption
- ✓ Decryption
- ✓ Email Routing
- ✓ URL re-writing
- ✓ Authentication vs Authorization
- ✓ Security Certificate
- ✓ Encoding & Decoding Technique
- ✓ Apply Security to Demo Website

Module 6: Web service Implementation

- ✓ What is Web service?
- ✓ Why Web service?
- ✓ Implement First Web service
- ✓ Web service Deployment
- ✓ Testing Web Services
- ✓ Performance Counter Web Service
- ✓ Implement web service for Demo Website

Module 7: Business Intelligence

- ✓ What is Reporting Services?
- ✓ Architecture of SSRS
- ✓ Design Report using Visual Studio
- ✓ Report Server vs Report Manager
- ✓ Working with Expressions
- ✓ Organizing Data in Reports
- ✓ What is Report Builder?
- ✓ Design and Deploy Report using Report Builder
- ✓ Access Report from Demo Website

Module 8: Application Debugging Techniques

- ✓ What is Server side debugging?
- ✓ Visual Studio Debugger
- ✓ Immediate Window
- ✓ Debugging a Windows Service
- ✓ Breakpoints Options
- ✓ Locals/Auto
- ✓ Call Stack
- ✓ Web Client Debugger
- ✓ Fiddler Web Debugger

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- > Website Development Seminar
- > Software Testing Workshop
- > Career Development Seminar

Training Courses

Software Testing

- > Software Testing Career Package
- > Software Testing Training
- > Agile Testing Training
- > User Acceptance Testing
- > ISTQB Foundetion Testing
- > QTP Training
- > Selenium Training
- > LoadRunner Training
- > JMeter Training

Web Development

- > Microsoft .Net - Hands On
- > Microsoft .Net - Advanced
- > Fundamentals of Java

Scripting & Database

- > VB Scripting
- > SQL for Testers
- > SQL Server

Certifications

