

You can get real **RELIABILITY, PERFORMANCE** and **EFFECTIVE RESULTS**

Our team spent many years searching for new ideas,
studying hundreds of different kinds of business,
and finding new effective solutions.



Microsoft[®]
Silverlight[®]

FOR PROFESSIONALS

Effective from: Jan 2012

Course Outline

Module 1: Introduction to Building Silverlight Business Applications

- Overview of Silverlight 4.0
- Silverlight Architecture
- Developing Out-of-Browser Applications with Silverlight

Lab: Building Silverlight Business Applications

- Creating a Silverlight Application
- Configuring Out-of-Browser settings for the Silverlight Application

Module 2: Overview of Data Access in Silverlight 4.0

- Defining Data Access by Using ADO.NET Entity Data Models
- Displaying Data by Using Domain Services

Lab: Consuming Data

- Connecting to a Database in a Silverlight Project
- Querying and Displaying Data from a Database

Module 3: Advanced Data Management

Lab: Manipulating Data

- Implementing Full Read-Write Scenarios

Module 4: Implementing User Controls and Navigation

- Working With Controls
- Threading
- Implementing Navigation

Lab: Implementing User Controls and Navigation

- Adding a Navigation User Control
- Updating the Number of Cards Periodically

Module 5: Creating Advanced User

Creating Content Presenter Classes

- Creating Item Templates for Presentation
- Developing Classes as Item Instances

Lab : Presenting Items, Classes, and Dependency Properties

- Creating ItemsControl Objects
- Configuring Content Classes for use in the ItemsControl Class
- Using the Custom ItemsControl object in a User Control

Module 6: Using Local Assets

- Printing in Silverlight Applications
- Accessing Local Storage in Silverlight Applications
- Accessing Local File Systems in Silverlight Applications

Lab : Using Local Assets

- Printing from Silverlight Applications
- Accessing the Clipboard in Silverlight Applications
- Accessing Isolated Storage in Silverlight Applications
- Accessing the File System in Silverlight Applications

Module 7: Implementing Advanced Media Techniques in Silverlight

- Implementing Deep Zoom in Silverlight
- Playing Media Files

Lab : Implementing Advanced Media Techniques in Silverlight

- Adding a Deep Zoom Image
- Adding a Media Player

Module 8: Developing Silverlight Media Framework Solutions

- Introduction to the Silverlight Media Framework
- Developing Silverlight Media Framework Solutions

Lab : Developing Silverlight Media Framework Solutions

- Adding Support for the Silverlight Media Framework
- Configuring the Silverlight Media Framework Player

Module 9: Accessing Hardware in Silverlight Applications

- Interacting with Mice and Keyboards
- Interacting with Audio and Video Hardware

Lab : Interacting with Hardware Programmatically

- Interacting with the Mouse Wheel
- Interacting with the Keyboard

Module 10: Globalization and Localization

Lessons

- Globalization
- Localization

Lab : Globalizing and Localizing Applications

- Globalizing an application
- Localizing an application

Module 11: Implementing Network Communications

- Configuring Applications for Network Communications
- Implementing Web Calls
- Implementing Low-Level Communications

Lab : Building Dynamic Silverlight Applications

- Consuming Initiation Parameters
- Consuming Data by Using HTTPWebRequest Objects
- Consuming Data by Using WebClient Objects
- Sending and Receiving Data by Using Local Connections

Module 12: Deploying Silverlight Applications

- Application Features and Hosting
- Managing Application Resources Dynamically

Lab : Deploying Silverlight Applications

- Adding Application Features
- Loading Resources Dynamically

Notes:

- Recommend Practical hours for student except class hours is 80 Hrs.
- We also provide weekend classes for all courses.
- After completion of 75% of course, student will go through Live Project Training, Interview Preparation and Recruitment process in Software Industry.

Our Technology Specialization and Certification Courses:



KEY FEATURES OF XPert INFOTECH:

- ② Training by Certified and Experienced Trainers.
- ② Industrial and Corporate Tie-ups for Live projects for student.
- ② Well equipped Computer Lab, Internet and Book Bank facility.
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- ② Interview Preparation and Technical Events.
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- ② WI-FI enabled classrooms.

100% Placement
Assistance



On Campus
Interviews

**58-61 (Basement), Vashist Park, Pankha Road,
New Delhi-46**

Ph.: 011-28526572, 65833100, 9990345891

www.xpert-infotech.com

Email: info@xpert-infotech.com