

## Introduction to SharePoint 2010 Development

- Understanding SharePoint 2010 Server Object Mode
- Creating SharePoint 2010 Applications
- Enumerating SP2010 Farm Hierarchies
- Manipulating properties of objects in the SharePoint
- SharePoint 2010 Developer Tools
- Packaging features and solution using VS 2010

## Creating SharePoint 2010 Web parts

- Creating normal web part
- Creating SharePoint components in webparts
- Creating visual webpart using VS 2010
- Difference between normal and visual webpart
- AJAX enabling a webpart
- Understanding CAML and SPQuery
- LINQ to SharePoint
- Creating application pages

## Creating Event receivers and application settings

- Event Handlers and uses
- List Item Event Receivers
- List Event Receivers
- Creating Feature Receivers to Modify Web.Config
- Creating Web Event Receivers

## Developing SharePoint 2010 workflows

- OOB Workflows
- Developing InfoPath 2010 with SharePoint Designer workflows
- Developing WF using visual studio 2010
- Advanced workflow scenarios

## Developing interactive user interfaces

- Creating site actions menu items

- Creating a ribbon items – button, group and tabs
- Creating client side dialog

## Developing Client object model

- Understanding client object model
- Developing Silverlight applications
- Implementing JavaScript

## Advanced developments

- Developing Sandboxed solutions
- Taxonomy APIs
- Programming with timer jobs
- Developing content management
- Customizing master pages
- Applying themes
- Developing Solutions by using BCS

## SharePoint as a Developer Platform Share point 2013

- SharePoint 2013 Introduction
- Software and Hardware Requirement
- What are all the new features have been added into SharePoint 2013
- Introduction list and document libraries in SharePoint 2013
- **Difference between SharePoint 2010 and 2013**
- Overview SharePoint 2013 Product Topology & Architecture SharePoint 2013
- SharePoint Content Types Overview of Enterprise Content Type Architecture Create and Manage Site Columns
- Content Types Document Sets, Term Stores, Content Types
- Out -of-box web parts features
- Deployment plan for SharePoint 2013

## Working with SharePoint Objects

- Understanding the SharePoint Object Hierarchy
- Working with Sites and Webs
- Working with Execution Contexts

## **Working with Lists and Libraries**

- Using List and Library Objects
- Querying and Retrieving List Data
- Working with Large Lists

## **Designing and Managing Features and Solutions**

- Working with Features
- Deploying Solutions
- Working with Sandboxed Solutions  
Working with Server-Side Code
- Developing Web Parts
- Using Event Receivers
- Using Timer Jobs
- Storing Configuration Data

## **Managing Identity and Permissions**

- Understanding Identity Management in SharePoint 2013
- Managing Permissions in SharePoint 2013
- Configuring Forms-Based Authentication
- Customizing the Authentication Experience

## **Managing Custom Components and Site Lifecycles**

- Component Overview
- Defining Custom Lists
- Defining Custom Sites
- Managing SharePoint Sites Introducing Apps for SharePoint
- Overview of Apps for SharePoint
- Developing Apps for SharePoint

## **Resume Preparation & Placement Assistance**

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