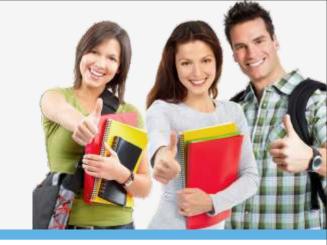# Microsoft
# SHARE POINT
# SERVER 2010
## DEVELOPMENT

## CURRICULUM

» **Introduction**
- Microsoft SharePoint 2010 Introduction
- SharePoint Version History
- SharePoint 2010 Capabilities

» **Architecture**
- Platform Architecture
- SharePoint 2010 Architecture
- Logical Architecture
- SharePoint Farm Topologies

» **Installation**
- Hardware Recommendations
- Preparing for Installation
- An Installation Walkthrough
- Post Installation Configuration

» **Creating Web Applications and Site Collections**
- Understanding Web Applications
- Creating Web Applications
- Understanding Service Applications
- Site Collection Logical Architecture
- Planning Site Collections
- Creating Site Collections

» **Working with Lists and Document Libraries**
- Creating Lists
- Managing List Columns and Views
- Using Content Types in List and Library
- Lookups and Managed Metadata Columns

» **Working with Wikis, Blogs and Surveys**
- Creating and Configuring  Wikis
- Blogs
- Surveys
- Discussion Boards etc

## » SharePoint 2010 Development Introduction

- SharePoint 2010 as a Development Platform.
- SharePoint 2010 Object Hierarchy
- SharePoint 2010 Object Model Programming

## » SharePoint 2010 Developer Tools

- Designing and Customizing SharePoint Sites by Using SharePoint Designer 2010
- Developing SharePoint Solutions by Using Visual Studio 2010
- Packaging and Deploying SharePoint 2010 Solutions

## » Developing SharePoint 2010 Web Parts

- Creating, Deploying, and Debugging Visual Web Parts by Using Visual Studio 2010
- Retrieve, add, update, and delete SharePoint list data
- Retrieve SharePoint list data using CAML Query
- Working with List Data Programmatically

## » SharePoint 2010 Workflows

- Overview of Workflows
- SharePoint 2010 Out-of-the-Box Workflows
- SharePoint Designer 2010 Workflows:
  - List Workflows
  - Reusable Workflows
  - Site Workflows
- Visual Studio 2010 Sequential Workflow
- Managing Workflows
- Assigning Workflows
- Workflows Above and Beyond

## » SharePoint 2010 Event Receivers

- Creating Event Receivers
- Creating List Event Receivers

## » Using SharePoint Designer 2010

- Creating Custom Site Pages
- Creating Data View
- Filters
- Customizing Master Pages
- SharePoint Designer 2010 Workflows
- Creating External Content Types

## » SharePoint Client Object Model Programming

- Read List Items Using the SharePoint Client Object Model Programming
- Building and Using the Console Application to interacts SharePoint Platform Remotely

## » SharePoint 2010 Business Intelligence

- Using Excel Services
- Scorecards, KPIs, Reports
- PerformancePoint Server Dashboard

## » SharePoint 2010 Business Connectivity Services

- Using Business Connectivity Services to integrate LOB (ERP, SAP etc.) Applications
- Creating External Content Types and External Lists for BCS

## » InfoPath Forms Services

- InfoPath Forms Services Overview
- SharePoint Form Library
- InfoPath form templates

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