

SharePoint Server 2013 for IT Pro Developers

Workshop Details:

Duration:	5 Days
Objective:	This course explores the development opportunities with Microsoft's most recent release of SharePoint Products and Technologies SharePoint Server 2013.
Participants' Entry Profile:	<p>Participants attending this workshop must have worked on:</p> <ul style="list-style-type: none"> ■ SharePoint Foundation 2010 or SharePoint Server 2010 ■ .NET 4.0 ■ C# 4.0 ■ LINQ ■ XML ■ JavaScript ■ Workflow 4.0 ■ JavaScript/JQuery ■ Basic understanding of OData/OAuth
Training Methodology:	<p>The workshop will follow Synergetics methodology of Concept Visualization Active Experimentation Application Development.</p> <p>The workshop will be 100% Hands-On with each participant having access to system during the session</p>

Setup Requirements

Hardware and Software Requirements:	<p>Participant's as well as Trainer's Machine are required to have :</p> <ul style="list-style-type: none"> ■ Provided as a separate attachment ■ Office 365 [SharePoint Online] Trial Account
Training Lab Requirements:	<p>Whiteboard 6 feet by 4 feet (minimum) Whiteboard markers – Red, Blue, Green, Black Video Projector (1024 X 768 resolutions)</p>

Course Content

Day 1	<ul style="list-style-type: none"> ➤ SharePoint 2013 platform overview <ul style="list-style-type: none"> ▪ SharePoint 2013 platform level improvements and new capabilities ▪ What's New in SharePoint 2013 ▪ SharePoint 2013 Technology Stack ➤ Overview of SharePoint 2013 Development Tools <ul style="list-style-type: none"> ▪ VS.NET 2012 <ul style="list-style-type: none"> ▪ Reusable Type Definitions and Templates ▪ SharePoint Designer ▪ "Napa" – Office 365 Development Tools ➤ Overview of CSOM and REST <ul style="list-style-type: none"> ▪ API Changes in SharePoint 2013 ▪ Significance of OData ▪ REST/OData Endpoints ▪ Performing CRUD operations using AJAX and JQuery
Day 2	<ul style="list-style-type: none"> ➤ Extending SharePoint 2013 with the new SharePoint App Model <ul style="list-style-type: none"> ▪ Understanding the new App Model in SharePoint 2013 ▪ Apps for SharePoint compared with SharePoint Solutions ▪ Hosting Models for SharePoint 2013 Apps Overview <ul style="list-style-type: none"> ▪ SharePoint-Hosted ▪ Auto-Hosted ▪ Provider-Hosted ▪ Deploying and Installing Apps for SharePoint ▪ Public & Corporate Marketplace ➤ Developing SharePoint Hosted App ➤ Developing Provider Hosted App
Day 3	<ul style="list-style-type: none"> ➤ SharePoint 2013 App UI Design <ul style="list-style-type: none"> ▪ User Interface Design for Apps <ul style="list-style-type: none"> ▪ Chrome control ▪ User Actions ▪ Creating AppParts using Client WebParts ➤ SharePoint 2013 Security Overview <ul style="list-style-type: none"> ▪ SharePoint 2013 Authentication and Authorization ▪ Claims-based Authentication – new default for SharePoint 2013 ▪ SharePoint 2013 and Application Identity ▪ Requesting and Granting Application Permissions ▪ Authentication using OAuth ▪ Server-to-server (S2S) ➤ Events in SharePoint 2013 <ul style="list-style-type: none"> ▪ Remote Event Receivers

	<ul style="list-style-type: none"> ▪ Server-Side Event Receivers
<p style="text-align: right;">Day 4</p>	<ul style="list-style-type: none"> ➤ SharePoint 2013 Workflows <ul style="list-style-type: none"> ▪ SharePoint 2010 vs. 2013 Workflows ▪ SharePoint Deployments & Workflow ▪ SharePoint 2013 & Workflow Manager ▪ Fully declarative, no-code workflows ➤ SharePoint 2013 Workflow tools <ul style="list-style-type: none"> ▪ Visio 2013 ▪ SharePoint Designer 2013 ▪ VS.NET 2012 ▪ New Workflow Activities & Actions ▪ Workflow Interop Bridge Overview ➤ Business Connectivity Services in SharePoint 2013 <ul style="list-style-type: none"> ▪ BCS OData Connector ▪ Creating ECT for OData Data Sources ▪ SharePoint App Scoped ECTs ▪ Event receivers on External Lists ▪ External List Enhancements
<p style="text-align: right;">Day 5</p>	<ul style="list-style-type: none"> ➤ ECM and WCM Capabilities <ul style="list-style-type: none"> ▪ Managed MetaData Enhancements ▪ MetaData based Navigation ▪ Master Pages in SharePoint 2013 ▪ Site Pages and Modules ▪ Image Renditions ▪ Design Manager ▪ Search Engine Optimization (SEO) ▪ Device Channels ➤ Search Enhancements <ul style="list-style-type: none"> ▪ New Search architecture with one unified search ▪ Personalized search results based on search history ▪ Rich contextual previews ▪ Creating Custom Search Page ➤ Social Features <ul style="list-style-type: none"> ▪ MySite ▪ News Feed ▪ SkyDrive Pro ▪ Communities