

CHRISTOPHER R. CHAPMAN

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SUMMARY: Experienced SharePoint consultant, and agile project delivery coach; possesses Professional Scrum Master I certification (2010), Microsoft Certified Application Developer (2006) and Certified Scrum Master (2006) designations; practiced in the design, development and delivery of .NET solutions using c#, ASP.NET, SharePoint 2007/10, Windows SharePoint Services.

TECHNOLOGIES: SharePoint 2010, Microsoft Office SharePoint Server 2007 (MOSS), Windows SharePoint Services v3, SharePoint 2003, WSS v2, ISA Server 2006, Active Directory, AD Federated Services, ASP.NET 1.1, 2.0, 3.5 c# 1.0 – 2.0+, Atlas/AJAX Extensions for ASP.NET., Windows Vista Gadgets, jQuery.

PLATFORMS: Windows 7, Windows Server 2008, Windows Vista, Windows XP, Windows Server 2003, Windows2000, Unix (SCO OpenServer 5.6), Linux (RedHat 5.2/6.0), SAMBA Server (version 2 forward)

IDEs: Visual Studio .NET 2008/2005, VisualStudio .Net/2002/2003, Visual Studio 6.0, Visual Studio Team Foundation Server, Visual SourceSafe, MS Office 2007/2010, VBA (Word, Excel, PowerPoint)

CERTIFICATIONS: Professional Scrum Master I – September 2010
MCP – Microsoft Office SharePoint Server 2007 Application Development with C# - January 2010
Microsoft Certified Applications Developer (MCAD.NET) – August 2006
Certified Scrum Master – Agile Project Manager – August 2006

AWARDS: Microsoft Chief Technology Officer's Communities Award, July 2009

EDUCATION:

12/1999 **Diploma, Computer Programming**
Humber College, Toronto, ON
Honours Graduate

4/1995 **Bachelor's Degree, Political Studies**
Lakehead University, Thunder Bay, ON

EMPLOYMENT HISTORY:

Independent Consultant, <i>Chris R. Chapman, Software and IT Consultant</i>	04/2010 – present
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- > Independent contractor specializing in iterative/incremental software project delivery using Scrum, strategic guidance for transitioning teams into agile best practices, coaching and training of teams in Scrum and how to deliver software incrementally.
- > **SharePoint 2010, 2007 Subject Matter Expert (SME)** consultant, providing customers with assistance deploying and customizing SharePoint solutions in their enterprise.
- > Custom software development consulting and training.

Recent Projects:

- > Provided custom software development assistance to a customer who needed to upgrade their **SharePoint 2007** extranet user manager solution to integrate with **SharePoint 2010** using Claims Based Authentication.
- > Coached software teams in agile/iterative/incremental software project delivery using Scrum. Helped to facilitate transition toward best practices within the organization and empowering teams to become self-organizing and cross-functional in the pursuit of maximizing value for their customers.
- > Advising and assisting small business customer in architecture and commercial/retail construction with migration of their enterprise to **Microsoft Business Productivity Online Suite (BPOS)** and deployment of a custom **Microsoft Dynamics CRM** solution.

Consultant (L61), <i>Microsoft Consulting Services (MCS) Canada</i>	01/2008 – 04/2010
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- > Application Development / Information Worker consultant specializing in **SharePoint 2007** planning, architecture and deployment;
- > Tasked with providing subject matter expertise and guidance to customers who have or are in the process of deploying **SharePoint 2007** in a wide range of industries, including construction, banking, law, education and public sector;
- > Also acted to provide technical guidance to customers with development teams, including composing best-practices compliant code, performance characteristics, security and recommended product stack solutions.

Recent Projects:

- o Developed a “zero-to-hero” **SharePoint 2007 Training and Deployment Best Practices Roadmap** for a government agency customer. In this project, I was assigned to help the customer understand how to architect and structure a SharePoint

- collaboration portal in their business which spans over 12,000 users across Canada. My roadmap explained how they could develop their governance structure, access training and architect their deployment so it would scale to the needs of the department.
- Delivery of advanced-preview **SharePoint 2010** training to Microsoft Certified Partner firms (**SharePoint 2010 Ignite**). In this role, I led a condensed, 3-day classroom course on the new features of **SharePoint 2010**. Curriculum included a mix of instruction, demonstrations and hands-on labs.
 - Assigned to provide Subject Matter Expertise to Microsoft Certified Partner firms participating in the **SharePoint 2010 RDP Program**. In this capacity, I provided technical support to customers who had specific questions around the configuration and deployment of **SharePoint 2010** as it relates to their development of showcase solutions which would be featured during the product launch.
 - Developed a custom **SharePoint 2007** solution for a customer in the banking industry to facilitate the dissemination and capture of IT team member's impressions on projects in-process and upon conclusion. This solution showcased the implementation of an out-of-the-box SharePoint business application, along with custom reporting using **SQL Server 2005** and **Excel 2007**.
 - Provided best practices guidance around **SharePoint 2007** configuration and deployment to a Gold Certified Partner who was under contract by a government agency to develop a custom workflow solution. Performed review of virtualized environment, servers, farm topology and configuration to assist Partner to make informed decisions on how to improve the environment for their customer.
 - Provided SharePoint performance and software development expertise to a team within a large, multinational transportation and logistics firm. The customer was preparing to launch a highly customized **SharePoint 2007 intranet/extranet portal** and needed guidance to review application of best practices and analysis of performance "hotspots" in code. Employed a combination of tools to help the team quickly surface defects, including **FxCop** and **Automated Data's AQTime code profiler**.
 - Lead small development team to build a custom **SharePoint 2007** solution for automating creation of "Top-10" offender posters for local police divisions in Toronto. Solution leverages **SharePoint's Web Content Management features**, custom page layout templates and content types, along with **BizTalk web service integration points** for integrating data coming from legacy systems. UI enhancements were made using the **jQuery** Javascript library.
 - Provided subject matter expertise and troubleshooting guidance to a local private school which is using **SharePoint 2007** to deliver lesson plans and assignments to students for resolving **OneNote 2007 / Vista Business Edition** synchronization

issues.

- Provided subject matter expertise and architectural guidance to a medium-size law firm who were in the latter stages of planning and deployment for their **SharePoint 2007 enterprise solution**. In this project, I was asked to review architectural decisions made by the in-house team for best practices compliance and to offer insights on how best to approach security within the corporate infrastructure and to external partners who would be accessing resources via an extranet.
- Providing staff augmentation/on-site subject matter expertise to a banking sector customer. This included guiding staff and managers through how to plan and deliver an **enterprise scale SharePoint 2007 deployment**, from envisioning to requirements, governance, information architecture, hardware requirements, chargeback models, social networking and team collaboration. Guidance was also provided for migration strategies from SharePoint 2003 sites in various states of organization and customization.
- Delivery of a session on **SharePoint 2007** Development Best Practices as part of a larger MCS-led information series for customers in the Public Sector. Emphasis in the session was placed on how to gauge when to employ various tools and techniques, for example, SharePoint Designer, Visual Studio, Content Editor Web Parts, administration web services, and how to write safe custom code.
- Delivery of an on-site workshop for a customer in the construction industry who were looking to migrate their internal portal to **SharePoint 2007**. Tasks here included development of a custom, interactive curriculum to deliver to the in-house IT team to demonstrate steps required to build a branded news portal using **SharePoint 2007's web content management features**, including master pages, page layout templates, content types, permissions, taxonomy and information architecture.

Internet Architect – Consultant,
imason, inc.

02/2004 – 03/2007

- > Solutions developer and consultant for a Microsoft Gold Certified Partner, specializing in web-based technologies including **SharePoint Portal Server 2003/2007, WSS v2/v3 and ASP.NET 1.1/2.0**;
- > Developed solutions with teams for clients in the large enterprise class (4,000+ desktops) with high availability/uptime requirements and desire for improving and streamlining their line-of-business applications using best-of-breed Microsoft technologies with customized solutions.
- > Developed and delivered training curricula for **SharePoint 2007**; provided in-house seminars on agile/lean project delivery practices, training for teams.
- > Provided technical research and expertise to teams on toolsets for optimizing application performance, load testing and best practices.

Selected Projects:

SharePoint

Employment Policies & Procedures Repository

Client in the banking industry with requirement to aggregate, manage, publish and disseminate policy manuals and documents to over 60,000 users. As part of the development team assigned to the project, I developed custom web parts to implement the solution using **SharePoint Portal Server 2003** as a framework.

SharePoint 2001 to SharePoint 2003 Migration

A client in the manufacturing industry needed to automate process of moving existing data and structure from **SharePoint 2001** into new **SharePoint 2003** taxonomy that other team members were developing. I developed a **custom .NET 1.1 WinForms solution** that **leveraged Excel 2003** to create a “map” for automating and guiding the migration of over 5,000 documents.

Architecture and Design Consultation

A prior client in the telecommunications industry required guidance on solutions for the next revision of a **SharePoint 2007** document workspace solution that had been previously delivered. I provided research into solutions to address architecture of the new solution, offline document synchronization and document recovery options.

Custom Workspace Creation Wizard (ASP.NET / SharePoint)

A large-scale client in the resources industry required a simplified process for their **SharePoint 2003 portal site** to enable end-users to easily create WSS project and document workspaces. Our solution was to provide a **stand-beside ASP.NET application** that would guide users through a simple step-by-step process to create the site, add users, set permissions and define the type (template) of the site to create.

ASP.NET 2.0 / Atlas / AJAX

Social Networking / Bookmarking Web Site – Web 2.0

Led a small team of developers using agile/lean project processes to deliver an early release of a next-generation Web 2.0 application using **ASP.NET 2.0** and **beta AJAX technologies for .NET** (called “Atlas” at the time); the application integrated social networking and bookmarking features with listings of restaurants and shops in the GTA. Originally provisioned under a tight timeframe (less than six weeks), I guided the team toward successful delivery of a working application using Scrum that best-met client expectations under constraints of budget, features, scope and schedule.

InfoPath 2007

Electronic Forms Proof-of-Concept – Time Off Requests

A client representing a large municipality wanted to investigate the potential of an **InfoPath 2007 / MOSS 2007** solution for migrating-away their existing JetForms-based electronic forms. I developed a proof-of-concept solution modeled on a set of their

existing e-forms for processing time off requests, demonstrating the validity of the platform and how it could be managed and delivered using SharePoint 2007. I also worked in conjunction with an Microsoft Consulting Services (MCS) consultant to provide technical briefings and training to the client and in-house developers to support the solution.

Independent Contractor,

01/2002 – 01/2004

Christopher R Chapman, Software Development Consulting

- > Specializing in the development of Microsoft-centric solutions, focusing primarily on the .Net Framework v.1.0/1.1, Visual Studio .Net 2002/2003, C#, VB.Net, ASP.Net, ASP, XML Web Services, Visual Basic 5/6 and Visual Basic for Applications (VBA);

Selected Projects:

Custom Site Development

Conservative Party of Canada - Ottawa, ON

- > Developed custom site for client that would provide a web-based representation for a brief fundraising campaign (democracyfund.ca);
- > Work developed includes a conversion of PDF advertisements in French and English into static web pages, as well as securing and registration of domain addresses and a hosting provider.
- > Site was not required to process e-commerce transactions, since the mechanisms for this were already in place on the client's main servers.

ASP Site Maintenance

Bluecho Managed Hosting – Toronto, ON

- > Client specializes in developing data-enabled websites for customers across a spectrum of industries;
- > Performed site upgrades for their clients, incorporating fixes and new features as requested, as well as refactoring existing code;
- > Technologies employed included **ASP, ODBC, server-side Active-X** components (custom-designed), CSS, HTML and back-end databases including **Access2000, MSDE, and mySQL**.

.Net OpenSRS API Server Component

Data-Trak Internet Services – Toledo, OH

- > Client requested development of a 100% .Net / **VB.Net** component to implement TuCows' **OpenSRS API** for reselling and registering internet domains;
- > Client further requested that the component be modeled after an existing commercial ActiveX component's API (CryptoObject's ObjectSRS) for ease-of-use, and incorporate the OpenSRS API command sets as specified.

- > Final deliverable comprised of two **.Net Framework 1.0** components, one written in VB.Net that implemented the client-side interfaces and encoding/decoding of OpenSRS XML messages and the second written in **C#** to handle encoding/decoding of international character set domain names using a custom RACE engine, Base32 encoder/decoder and data normalization algorithms.
- > Significant portions of the application required analysis and porting of portions of TuCows' original OpenSRS parsing engine from **PERL scripts and C++ library routines**.
- > Component was developed and tested entirely with **Visual Studio .Net 2002**.

Software Developer / IT Admin,
ATP Canada, Richmond Hill, ON

03/2000 – 12/2001

- > Built and headed up software development department for firm to provide new line-of-business applications for delivering value-added services to market research clientele;
- > Designed and administered IT infrastructure for supporting firm operations, including expansion and migration of network from static hubs to active switches and the installation of a T1 data line and managing software and operating system upgrades on the server and client side.
- > Led and mentored small team of two junior developers who assisted in software development projects and client project requests;

Selected Projects:

QXML Schema and Parsing Engine

- > Designed and developed XML schema to hierarchically represent statistical analysis tables generated from SPSS/Quantum programming environment for use in Microsoft Windows / Visual Basic applications;
- > Developed an encoding engine using PERL 5 on Unix to translate SPSS/Quantum intermediary datafiles into QXML; developed ancillary version for the .Net Framework 1.0 environment using C#.

QXML DOM Visual Basic 6 Component

- > Designed and developed ActiveX DLL component using VB6 to provide a domain object model for reading, manipulating and organizing QXML data;
- > Primarily a wrapper for the MSXML 3 XML DOM object, providing pass-through access to the contained object API while providing key functions for streaming in QXML from a text source, paginating the tables and search and filter functions;
- > Contained integrated XSLT component to generate HTML tables based on the QXML data.

PowerTabs Visual Basic 6 Application

- > Designed and developed prototype application for managing the conversion of QXML into Microsoft PowerPoint presentations, complete with template formatting for corporate

branding, tables and charts; provided basis for a later shrink-wrapped solution called **Rosetta**.

- > Application resulted in savings of over \$40,000 in labour costs for some clients who had previously done all the work by hand for multiple presentations.
- > Primarily a standalone Windows 32-bit application, incorporating the QXML DOM component for parsing QXML, integrating with Internet Explorer for rendering HTML tables and PowerPoint 2000 for assembling the presentation.
- > Application developed using Visual Basic 6, Visual Basic for Applications (VBA), PowerPoint 2000 Domain Object Model and Libraries, Internet Explorer Type Libraries.

Major Client Project:

The Advantage Group – Toronto, ON

- > Software development and project lead for client project that required an application to migrate statistical tables compiled by ATP into Microsoft Excel spreadsheet templates for inclusion in a major study of pharmaceutical firms across Canada and the U.S.
- > Application consisted of a set of tools developed with Visual Basic 6 and Excel VBA to perform migrations;
- > Over 100,000 lines of VB/VBA code written to format and groom Excel templates provided by the client for accepting data and for auto-generating embedded charts from said data;

Administrative Roles:

Unix/Linux Admin

- > Administered heterogeneous environment with Windows 2000/98 clients networked to SCO Unix and Redhat Linux servers;
- > Installed OS and software upgrades as required, performed major overhaul and migration of webserver from RedHat Linux 5.2 to version 7.
- > Installed and administered file and peripheral sharing software (SAMBA) to allow SPSS/Quantum developers access to the back-end server files as well as networked printers dispersed throughout the building;
- > Implemented core security measures for firewalls to secure access to client data;
- > Installed and maintained toolsets for administering servers remotely (WebMin)

LAN Admin

- > Designed and administered networks (30+ nodes) for the firm including major expansion project which implemented a shift from unmanaged hubs to high speed switches, upgraded dataline from 128K ISDN to T1;
- > Purchased servers and hardware requirements, hired contractors for cabling and data line installations, etc.

Database Developer / IT Admin, <i>John L. Parker, MPP York East,</i> <i>Parliamentary Assistant to the Attorney General of Ontario</i>	9/1997 – 4/1999
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- > Developed and designed voter contact management database application using Access97 with custom VBA code modules;
- > Consisted of over 25 related tables;
- > Database designed to provide extensive voter opinion tracking and direct mail functions as well as ad-hoc reporting from over 65,000 records;
- > Used DAO objects and Windows forms for data entry and migration from multiple sources;
- > Custom report design using the Access97 reporting tools;
- > Application was used to augment election readiness efforts, preparing well over 100,000 customized response letters and mailouts.

Database Developer, <i>Brian Pallister Leadership Campaign</i>	10/1998
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- > Designed and developed **Access97** database application for managing and tracking delegates for the Brian Pallister Federal Progressive Conservative leadership campaign;
- > Required extensive custom VBA coding to perform data scrubbing and migration from multiple source formats including text files, CSVs, Word documents, Excel documents and older database formats;
- > Organized across 10 normalized tables encompassing over 10,000 records;
- > Database designed to function as the back-end for successive applications, providing ad-hoc reporting based on user-defined queries and filters.

ADDITIONAL INFORMATION:

Outside of programming, my other interests include long-distance running, cottaging, video gaming and the design of video games, writing best practices blog posts and Canadian and US electoral politics.