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SUMMARY: Experienced software developer, consultant, trainer, writer and agile/lean project manager and best practices enthusiast; possesses 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, WSS, WinForms and Windows Vista Gadgets.

TECHNOLOGIES: SharePoint Portal Server 2003, Windows SharePoint Services v2, Microsoft Office SharePoint Server 2007 (MOSS), Windows SharePoint Services v3, ASP.NET 1.1, 2.0, c# 1.0 – 2.0+, Atlas/AJAX Extensions for ASP.NET., Windows Vista Gadgets

PLATFORMS: Windows Vista, Windows XP, Windows Server 2003, Windows2000, Windows98, Unix (SCO OpenServer 5.6), Linux (RedHat 5.2/6.0), SAMBA Server (version 2 forward)

IDES: Visual Studio .NET 2005, VisualStudio .Net/2002/2003, Visual Studio 6.0, Visual SourceSafe, MS Office 2000/2003/2007 VBA (Word, Excel, PowerPoint)

CERTIFICATIONS: Microsoft Certified Applications Developer (MCAD.NET) – August 2006
Certified Scrum Master – Agile Project Manager – August 2006

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:

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 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, <i>ATP Canada, Richmond Hill, ON</i>	03/2000 – 12/2001
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- > 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; 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,	9/1997 – 4/1999
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John L. Parker, MPP York East,

Parliamentary Assistant to the Attorney General of Ontario

- > 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,	10/1998
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Brian Pallister Leadership Campaign

- > 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.

Database Developer,	9/1998
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Derwyn Shea, MPP High Park

- > Performed upgrades and maintenance to existing FoxPro and Access97 database applications for tracking constituent issues and generating custom mailouts;
- > Wrote customized code modules using VBA for Access97 to perform routine maintenance, handle importing of external datasets and generate reports.

Chief-of-Staff,

Frank Sheehan, MPP Lincoln,

Chair, Red Tape Commission of Ontario

12/1996 – 7/1997

- > Chief political aide and head of staff for the MPPs Queen's Park and Constituency offices;
- > Responsible for managing day to day affairs of the MPP as well as handling specific casework for the Red Tape Commission, including meetings with other staff, MPPs and stakeholders;
- > Developed 2,000 record Access97 application for voter tracking and issues management

ADDITIONAL INFORMATION:

I am a highly-motivated and independent and versatile individual with excellent analytical, organizational and communications skills who can work easily within a team or sequestered environment. I enjoy the intellectual challenges programming affords, and take great pride in the work I develop.

I have been working with IT for well over 15 years, including networking, programming, database design and development and consulting on equipment purchases, implementation and maintenance.

Outside of programming, my other interests include long-distance running, chess, jazz, Starbucks coffee and Canadian and American electoral politics.