

**Charles Strittmatter, Application Architect**  
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## Professional Summary

15+ years of increasingly demanding projects utilizing collaboration, e-commerce, internet applications, and various programming languages. Ability to work within many different frameworks, with strong skills on the Microsoft .NET and SharePoint platforms. Building and managing IT solutions for educational, non-profit, government, and business networks based on Microsoft, UNIX, Apple, and Cisco technology. In addition to developer/consultant, also a fully qualified system administrator and experienced in teaching graphic design and animation tools at the university level.

## Training and Certifications

SharePoint Saturday DC – May 2010  
SharePoint Saturday DC (Federal) – October 2010  
SharePoint Saturday Philadelphia – January 2011  
Microsoft Sponsored SharePoint 2013 training May 2012

## Professional Affiliations and Memberships

[SharePoint Users' Group, Baltimore](#) – 2009-Present, Active Member

## Education

[Thomas Edison State College](#) – BA: Liberal Arts  
[County College of Morris](#) – AA in Computer Graphics  
[California State University, Hayward](#)  
Intense Computer Information Systems coursework: One Year  
[William Paterson University](#)  
Art, Computer Graphics, Computer Programming coursework: Two Years

## Technical Skills

### [SharePoint Skills](#)

- Architect and planning for SharePoint solutions 2010/2013, with a focus on leveraging out-of-the-box functionality extended by custom code
- Architecture, configuration, and development for federated login:
  - ADFS and SharePoint integration
  - OpenID to claims based authentication
  - Custom claims providers and claims pickers
- Development of custom components for SharePoint 2010 and 2013 including:
  - Solutions and Features,
  - Web Parts,
  - BDC/BCS Application Definitions,
  - custom WCF / SOAP web services
  - Custom JQuery
  - XSLT
  - Timer Jobs

- Branding: style sheets, master pages, layouts, and themes
- Administration and configuration tasks in support of SharePoint development efforts, including STSADM; PowerShell; site, site collection, and central administration
- Design and development of InfoPath forms based solutions
- Design and develop workflows using:
  - SharePoint Designer
  - Visual Studio
  - Agile Point BPMS Suite
- Familiarity with 3<sup>rd</sup> party web parts: Lightning Tools, Bamboo Solutions, CodePlex, others
- Familiarity with BCS MetaMan

### Programming Languages

- C# and VB.NET including .NET Framework 1.0-3.5, ADO.NET, classic ASP, ASP.NET, AJAX
- VB 6.0 including COM, ADO, Win32 API, Active-X Controls
- Scripting languages: JavaScript, jQuery, HTML, CSS, XML, Cold Fusion, PHP, Perl
- Proficient with C#, Java, and C/C++

### Full Software Development Life Cycle, Documentation, and Standards

- Object oriented programming (OOP) components, UML, RUP, MVC
- CMMI certified development environments
- Unit and integration testing
- System deployment and maintenance
- Understanding of Section 508 web site compliance standards with Jaws

### Relational Database Design, Data Access and Transformation Technologies

- MS SQL Server 2000-2008 R2: T-SQL, ADO.NET, XML, DTD, Stored Procedures
- Oracle 9i / 11g
- MS Access: SQL/Queries, ADO, DAO

Enterprise Systems – 3+ years Microsoft Office SharePoint Server 2007, MS Content Management Server (now WCM in SharePoint)

Version Control Software – Team Foundation Server, Visual Source Safe, Vault, On Time, and CVS

Media Tools – SharePoint Designer / FrontPage, Macromedia Dreamweaver UltraDev, Flash and Fireworks, CART 32, Alias Waterfront (MAYA), Adobe PhotoShop and Illustrator, Image Style

Operating Systems – Redhat/Linux, FreeBSD, Mac OSX/9, Solaris, IRIX, Windows NT to 2008 R2 server, Cisco security

Security and Encryption – ADFS, SAML, OpenID, SL, PGP, ACH, Active Directory/LDAP

## Recent Experience

### SOFTWARE ENGINEER

MadWolf

2014 December – 2015 Present

- As a Software Engineer I program, configure and develop code on .net, java platforms and in SharePoint for new and existing customers. Also develop in other content management systems such as WordPress, Drupal and other systems. And I assist in proposal and customer development and setting customer expectations.

### Senior Application Developer

CyberIQ

2014 August – November

- Worked on java web service and interface to download TAXI (Trusted Automated exchange of Indicator

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Information) data job to a SQL server database, Technologies used Eclipse java, spring and gradle.

- Also worked on Unix Mongo database prototype that will work with a Knockout and Ext js web front end.
- Architect, design, and implement Collaboration and threat analytics applications for CyberIQ clients. All Applications are hosted in Azure VMs and run in **SharePoint 2013** using SharePoint search and profiles services and work with a custom claims provider that authenticates with FBA and Azure AD. The application were designed following the dependency injection a code first software design pattern. With multiple **c# Rest services** and that call an entity framework Model First layer and to a **SQL server 2012 database**. The frontends are Web parts and or APPs that are developed using the **MVC** architectural pattern, using **c#, ASP .net, Knockout.js** working with **durandal.js**.
- Projects are developed in an agile methodology with daily scrum and Sprint deliverables.

**Application Architect**    **FTI Consulting**

**2011 – 2014 August**

- 
- Architect, design, and implement SharePoint 2010 and Office based solutions using out of the box functionality and extended with custom C#, rest and jQuery code for the worldwide intranet and other SharePoint intranet applications. Other custom SharePoint sites application cover HR, Security and all corporate business units.
  - Currently Architecting and Prototyping for future migration to SharePoint 2013 online and office 365.
  - Perform SharePoint development and administration tasks including developing custom applications/solutions, and providing support to system administrators and IT staff
  - Develop, support and enhance multiple accounting applications that are based C# web based MVC and WCF technologies using Visual Studio 2010 to 2013.

**Senior SharePoint Developer**

**Colossus Consulting LLC**  
**Liquid Mercury Solutions**

**2010 – 2011**

- 
- Plan, design, and implement SharePoint and Office based solutions using out of the box functionality and custom code (see selected Client Projects below.)
  - Perform SharePoint development and administration tasks including developing custom applications/solutions, and providing support to system administrators and IT staff
  - Develop form based workflows using SharePoint, AgilePoint, and InfoPath

**Client Project**

**Tissue Banks International**

**2011**

- 
- Developed a custom solution to allow Open ID users (Google, Yahoo, Facebook, Twitter, etc.) to login to SharePoint as an extranet using outside credentials
  - Performed setup, configuration, and troubleshooting of ADFS and SharePoint
  - Performed various SharePoint related administration and development duties

**Client Project**

**Seventh-Day Adventist Church**

**2011**

- 
- Consultation, design, and development of claims based login solutions for SharePoint and ASP.net

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- Co-authored plan and specification for ADFS/Claims proof of concept project
- Worked as part of a Pair Programming team
- Set up numerous claims-based login configurations: SharePoint, ASP.net, ADFS
- Developed custom claims provider for SharePoint
- Developed custom claims picker for SharePoint
- Developed various other ADFS to SharePoint integration components

**Internal Project**                      **SharePoint 2010 Branding and Web Parts**                      **2011**

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- Worked as part of a team to customize SharePoint web experience for a public facing internet site
- Developed a jQuery based slideshow web part
- Developed a breadcrumb web part to improve SharePoint OotB navigation
- Provided support for changes to page content, custom master pages, and CSS styles
- Please visit <http://www.LiquidMercurySolutions.com> to see the product of our efforts

**Client Project**                      **SharePoint 2010 integration with Yammer.com**                      **2011**

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- Developed custom solution to import Yammer messages into SharePoint for time tracking
- Yammer provides Twitter-like message service with input from PC, mobile devices, and e-mail.
- Users enter work time and activity through short messages to Yammer (e.g. "#time #project 3hrs")
- Solution imports Yammer messages to SQL server using SharePoint timer job, and performs some data parsing
- Data is made available to SharePoint using a combination of BCS and InfoPath
- Daily time data propagates to SharePoint where weekly time sheets are updated automatically
- Net result: knowledge workers can enter their time in real-time with minimal disruption to "flow"

**Client Project**                      **Plexis Scientific on behalf of Pentagon Force**                      **2008– 2010**  
**Senior Program**                      **Protection Agency , FEMA, Homeland Security,**  
**Analyst/Consulting**                      **SAIC**

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- Consultation and design on various software development efforts
- Performed various SharePoint related administration and development duties
- Developed Proficiency Assessment System for "Pentagon Force Protection Agency" using SAIC MOSSAIC architecture written on .net 3.5 architecture
- Developing custom ASP.net pages and extending MOSSAIC SDK for Exam portion of application
- Maintain/Develop Responders Knowledge Base, written in ColdFusion, Java, and Oracle, in full four tier software development environment
- Projects to be CMMI 3 level certified, and implemented using UML methodologies

**Client Project**                      **Micro Strategies on behalf of**                      **2007 –2008**  
   **Lowenstein, Patterson Belknap, Intra**

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- Planning and solution design of custom content management solution based on service oriented architecture: robust three-tier, object oriented, Win32/DCOM, .Net 2.0 / Java environments
- Develop custom edits/applications working w/client CMS systems using Interwoven Worksite NT – MP, SharePoint 2007, and Microsoft Exchange 2003

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- Developed VBA scripts/DLLs that call worksite NT-MD SDK to perform different functions in MS Office, as well as custom CMS edits in ASP.net using AJAX and Worksite SDK
- Most applications have full .MSI setup deployment package and were developed in VS 2005 – some in VS 2008

**Client Project**                      **Bank of New York Mellon (Clear Tran) on behalf of MCI, Comcast, Arbela**                      **2007**

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- Designed and developed electronic/online bill payment application for Clear Tran business unit of Bank of New York Mellon
- Any custom edits needed for client in ASP.net interface changes, AJAX behavior/new functionality changes and COM win32 updates for money transfers/check printing
- While performing custom edits, must integrate with/expand upon, a robust three tier, object oriented Com-win32, .Net 2.0 namespace and class structure

**Client Project**                      **Temel.com on behalf of Peergroup, ADP, CDPHP, Knipper and SeeingEye.org**                      **2006 –2007**

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- Designed and developed various web based applications using C# and VB.net for Temel clients
- Developed web sites to 508 compliance standards
- Was Lead Developer on a doctor blog and event portal – [www.peergroupconnect.com](http://www.peergroupconnect.com) Asp.net AJAX utilizing frontend with SQL Server 2000 back end comprising two databases: one to drive portal and a linked database of doctor and events of 35 gigs of data
- Additionally, consulted on other web application projects for ADP and other clients which were written in Cold fusion
- Was Lead Developer on new version of SeeingEye.org ASP.net 2.0 site that's completely CMS driven

**Client Project**                      **strategicedge.com on behalf of Schering, AITANA, GsK, BoeHringer Inglihem and Reliant**                      **2006**

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- Developed/maintained browser-based event management system called Event Edge for StrategicEdge
- System has extensive business object layer, data access layer, and presentation layer code, which interact with a robust Event Edge database schema
- Performed all DBA and SQL developer requirements for, as well as analysis to improve system and performance
- Helped develop/maintain current Cold Fusion based systems and websites for Strategic Edge and other clients
- Additional training on DotNetNuke and helped to develop AccessEdge, another product produced by Strategic Edge.

**Client Server Programmer**                      **Bowne.com on behalf of Morgan Stanley, Foxwoods Casino, Mirage Casino, Federal Fireman's Fund, and IBM**                      **2005 –2006**

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- Develop/Support client server applications for Bowne and its clients
- Develop/Support internal client server applications and software for data center and hosting network for Bowne

**Senior Application Developer**                      **CyberIQ**                      **2014 August – November**

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- Worked on javasc bagroup job and sever to resrr Data in to SQL server database.

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**Client Project**

**Seventh-Day Adventist Church**

**2011**

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**Fireman's Fund, and IBM**

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## Additional Work Experience

2001–2005	Lead Developer	Strittmattertech.com
2000–2001	Lead Software Engineer/Lead GUI Engineer	CashEdge Inc., CA
1999–2000	Lead Software Engineer – Independent	Unitek and Cal State Hayward, CA
1997–1999	Senior Web Developer/MIS Assistant	ThorLabs, NJ
1996–1997	Freelance animator, Web Developer and UNIX Network Administrator	Lucent Digital – Millennium Rush - Masterpiece Video, NJ
1995 – 1996	Instructional Assistant/Software Engineer	New York University, NY

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