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## TECHNICAL SKILLS

### Programming:

- ASP.NET / C# - All releases of the .Net Framework
- Silverlight 2.0 / WPF / WCF
- LINQ
- HTML / JavaScript / CSS
- AJAX.NET
- XML
- C / C++ / Pascal / Assembly

### Databases:

- MS SQL Server 2000 / 2005 / 2008
- Sybase
- Oracle
- Raima RBMS

### Tools:

- Expression Blend
- Crystal Reports
- DotNetNuke Content Management System
- Accounting APIs: QuickBooks / Peachtree
- ESRI Map Objects
- Map APIs: Google Maps / Virtual Earth / MapPoint / MapInfo
- Team Foundation Server

### Operating Systems:

- All Windows Desktop and Server operating systems
- UNIX / Linux

## PROFESSIONAL EXPERIENCE

**FTS Inspection/SGS Group, Bartlesville, Oklahoma**

**Jul 2008 - Feb 2009**

### **Senior Programmer/Analyst**

Designed and developed Rich Internet Applications using Silverlight 2.0, WPF and C#. Both communicated with an ASP.Net website via a Windows Communications Foundation (WCF) web service which accessed several SQL 2005 databases and a secure network file system. The projects were:

- Allow users to drag & drop text/images from grid lists into other grid lists/matrices. Used to transition data from a tablet PC application into several hosted applications.
- Robust map display control that gave users control over multiple layers of vector (piping & locations) and single point data (well heads & work units). There was also a utility to convert data from an ArcGIS database into their GIS data storage database.

**StaffMetric, LLC, Tulsa, Oklahoma**

**Mar 2006 - Jun 2008**

### **Partner – Vice President of Software Development**

As the only software developer, maintained legacy code and added new features. Software architect, designer and programmer for C#/SQL 2005 projects using the .Net 2.0 Framework projects included:

- Windows service directly connected to client front/back office software/data (QuickBooks, Peachtree, COATS, COATSql, eEmpACT, WinSearch and Sendouts) and connected StaffMetric Online via a SOAP web service.
- Several custom ASP.net controls using the ASP.Net AJAX Framework
- Messaging, Announcement & Notification System
- Online administration of client accounts/hardware and other system administrative tasks.
- Data access layer using stored procedures with multiple results sets for retrieval and SQL OPENXML for updates.
- Corporate identity website (www.StaffMetric.com) using DotNetNuke.
- An easy to use reporting system that allows support personnel to edit and create system reports.
- Extended existing custom ASP.Net controls to easily integrate Unsaved Changes Management system into all application web pages.

**Automated Business Solutions, Incorporated, Tulsa, Oklahoma**  
**Owner - Senior Programmer/Analyst**

**Sep 2003 - Mar 2006**

Projects included:

- Several DotNetNuke websites. Written in ASP.Net, C#/VB.Net, HTML, JavaScript, and using a SQL 2005 database. These sites include Victory Christian School ([www.VCSTulsa.org](http://www.VCSTulsa.org)) and Global Market Hub ([www.GlobalMarketHub.com](http://www.GlobalMarketHub.com)).
- Several data driven websites. Written in ASP.Net, C#/VB.Net, HTML, JavaScript, and using a SQL 2000/2005 database.
- Technician Dispatching/Call Management module ActiveX controls used in a Delphi based accounting system, using VC++, MFC and Sybase
- Payroll module ActiveX controls used in a Delphi based accounting system, using VC++, MFC & Sybase
- TCP Client/Server keeping all dispatchers up-to-date on all call activity and giving them access to external services (credit card authorization & technician's handheld computers).
- Video editing, encoding and streaming for Windows Media, QuickTime, Real and Flash players/servers. Created embedded web video player that uses any players installed on the client browser.

**FiRST Responder Systems & Technology, Incorporated, Baton Rouge, Louisiana**  
**Senior Programmer/Analyst**

**Jul 2001 - Sep 2003**

Projects included:

- Architect and develop a project that displayed GIS Data (used both ESRI MapObjects & MapInfo) and used GPS device. Written in C#.Net and used a SQL 2000 database.
- Architect and develop a project that integrated COM/IPC, a live video feed (using DirectX), proprietary devices, GIS data (MapPoint) and NEMA devices using a SQL 2000 database.

**SecureAgent.com, Incorporated, Tulsa, Oklahoma**  
**Senior Programmer/Analyst**

**Aug 1999 - Mar 2000**

Environment: Windows, MFC, VC++, UNIX, Linux, DOS, MS Access

**WorldCom, Incorporated, Tulsa, Oklahoma**  
**Development Lead & Senior Software Architect**

**Jul 1997 - Aug 1999**

Environment: Oracle, UNIX, Windows, MFC, C++, Perl

**Shafer's Full Service Software, Incorporated, El Cajon, California**  
**Senior Programmer/Analyst**

**May 1992 - May 1997**

Environment: DOS, C, C-Scape, Raima DBMS, MS Access

**Golden Opportunity, Incorporated, Poway, California**  
**Senior Programmer/Analyst & Director of Operations**

**Jan 1990 - May 1991**

Environment: UNIX, C, Vermont Views, Raima DBMS

**Arnold-Pacific Properties, Incorporated, Tustin, California**  
**Director of Information Systems & Director of Property Management**

**Aug 1987 - May 1989**

Environment: MicroVAX, Pascal, fourth generation language, DOS

**Business Computer Systems, Incorporated, Pomona, California**  
**Programmer/Analyst**

**Feb 1984 - Aug 1987**

Environment: UNIX, Pascal, C, C-Tree DBSM

## EDUCATION

**Santa Ana Community College**  
*General Studies*

**Sep 1981 - Jun 1982**

**California State Polytechnic University, Pomona**  
*Computer Science*

**Sep 1982 - Jun 1984**

[Detailed Resume Available Online at http://www.visualcv.com/abssd](http://www.visualcv.com/abssd)