

TECHNICAL SKILLS

Programming:

- ASP.Net / C# / VB.Net - All releases of the .Net Framework
- MVC / LINQ / WPF / WCF / Entity Framework
- AJAX.NET / jQuery / Classic ASP / Silverlight
- HTML / JavaScript / CSS / XML / XSL
- C / C++

Databases:

- MS SQL Server 2000 / 2005 / 2008
- MySQL / PostgreSQL / DB2 / Sybase / Oracle

Tools:

- Team Foundation Server / Visual Source Safe / Mercurial / Subversion
- Cygnet and OPC polling APIs
- Accounting APIs: QuickBooks / Peachtree / MYOB
- Crystal Reports
- DotNetNuke Content Management System

Operating Systems:

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

PROFESSIONAL EXPERIENCE

Automated Business Solutions, Incorporated, Tulsa, Oklahoma **Owner (since 1990) - Senior Programmer/Analyst**

Mar 2011 - Present

Projects included:

- Develop a MVC Administration Panel, which uses access a PostgreSQL database using Entity Framework.
- Develop a WCF RESTful web service integrated with Pageflex, which uses access a PostgreSQL database using Entity Framework.
- Develop a website with LinkedIn, Facebook and Twitter to SQL Server integration and the Silverlight PivotViewer rendering.
- Maintain several websites written in ASP.Net, VB.Net, HTML, JavaScript, and using a MS SQL & DB2 databases.
- Maintain several websites written in Classic ASP, HTML, JavaScript, jQuery, AJAX, and using MySQL / SQL Server databases.
- Created/Maintain several DotNetNuke websites written in ASP.Net, C#/VB.Net, HTML, JavaScript, and using a SQL 2008 database.
- Created DotNetNuke external login module to enable user migration & integration with separate ASP.Net system.
- Enhance MySQL database to MYOB & QuickBooks integration C#/WPF/Entity Framework desktop application.

eLynx Technologies, Tulsa, Oklahoma **Senior Software Developer**

Apr 2009 - Mar 2011

Worked on a full featured Web-based SCADA System (SCADALynx) which serviced over 350 separate companies and several thousand wells. SCADALynx was developed in ASP.Net / C# on the 4.0 .Net framework. The backend processes are Winforms and Windows Services developed using C#. All supported by a SQL 2008 database. Projects designed and developed included:

- Global login enhancement to allow a user to login to all customer databases.
- An easy to use, high Performance Data Access Layer.
- Data file processing engine for data from several polling servers into each customer database. Processed approximately 100K data files containing 14M data values each day.
- An easy to use Windows Service & Desktop software framework, which streamlined development and deployment easier/faster.
- A Cygnet data acquisition service that acquired data for over 100K data points.

- An OPC data acquisition service that acquired data for over 10K data points via an OPC Tunneler.
- Analytics engine and web user interface used to analyze any/all data values from any number of categories.
- Several performance & feature improvements.

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.
- Crystal reports run from an offline report service

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.
- Several Crystal reports run from an offline report service
- 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

Sep 2003 - Mar 2006

Owner (since 1990) - Senior Programmer/Analyst

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 Football (www.VictoryFootball.com) and Global Market Hub (www.GlobalMarketHub.com).
- Several data driven websites. Written in ASP.Net, C#/VB.Net, HTML, JavaScript, and using a SQL 2000/2005/2008 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 Dispatch module used to keep 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

Jul 2001 - Sep 2003

Senior Programmer/Analyst

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

Aug 1999 - Mar 2000

Senior Programmer/Analyst

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

WorldCom, Incorporated, Tulsa, Oklahoma

Jul 1997 - Aug 1999

Development Lead & Senior Software Architect

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

Shafer's Full Service Software, Incorporated, El Cajon, California

May 1992 - May 1997

Senior Programmer/Analyst

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

Golden Opportunity, Incorporated, Poway, California

Jan 1990 - May 1991

Senior Programmer/Analyst & Director of Operations

Environment: UNIX, C, Vermont Views, Raima DBMS

Arnold-Pacific Properties, Incorporated, Tustin, California

Aug 1987 - May 1989

Director of Information Systems & Director of Property Management

Environment: MicroVAX, Pascal, fourth generation language, DOS

Business Computer Systems, Incorporated, Pomona, California

Feb 1984 - Aug 1987

Programmer/Analyst

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

EDUCATION

Santa Ana Community College

Sep 1981 - Jun 1982

General Studies

California State Polytechnic University, Pomona

Sep 1982 - Jun 1984

Computer Science