

## TECHNICAL SKILLS

### Programming:

- Angular / Blazor / ASP.Net / C# / VB.Net / XAML / Dart
- All releases of the .Net Framework and .Net Core
- HTML / JavaScript / CSS / XML / XSL

### Databases:

- MS SQL Server – All versions
- MySQL / PostgreSQL / Firestore

### Tools:

- Azure and AWS Cloud Services
- Flutter & Ionic cross-platform mobile app development frameworks
- nopCommerce eCommerce platform
- Crystal Reports
- DotNetNuke Content Management System

## PROFESSIONAL EXPERIENCE

**Automated Business Solutions, Incorporated, Tulsa, Oklahoma**  
**Owner (since 1990) - Senior Full Stack Software Engineer**

**Mar 2011 - Present**

Projects including:

- K9 Training/Deployment management web application. Angular, Web API Core and PostgreSQL hosted on AWS, with an Ionic iOS & Android Mobile App.
- Lead Architect/Developer for large clothing eCommerce Mobile App Startup. Ionic frontend, C# WebAPI backend, several Web Job microservices, and MS SQL database. Hosted on Azure.
- Healthcare app mobile and web portal. Flutter, Dart and Firestore hosted on Firebase.
- Multiple web-based portal applications Blazor/C#/MSSQL
- Manufacturing job tracking schedule board using Angular, Web API and SQL Server
- Kiosk Management System web application using AngularJS, Web API and Azure
- Custom Kiosk application with proprietary hardware, Bill Acceptor, Credit Card Reader, Fingerprint Reader, Receipt Printer and Video/Still Camera using WPF, WCF and Compact SQL
- Billing Management web application using AngularJS, Web API and SQL Server
- Job Scheduling/Management web application using AngularJS, Web API and SQL Server
- Job Management iOS & Android Mobile App for Installers and Contractors
- Product Catalog iOS & Android Mobile App for large transportation manufacturer
- Multiple Epicor integration projects
- Several custom nopCommerce plugins
- Several custom DotNetNuke modules

**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.

- 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.
- 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:
- Automated Business Solutions, Incorporated, Tulsa, Oklahoma** **Mar 2000 - Mar 2006**  
**Owner (since 1990) - Senior Programmer/Analyst**  
Environment: Windows, C#, VB.Net, VC++, Delphi, ESRI MapObjects, MapInfo, SQL Server, DotNetNuke
- 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**
- California State Polytechnic University, Pomona** **Sep 1982 - Jun 1984**  
*Computer Science*