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### **Professional Experience**

I have had my own computer consulting company for the last 17 years and have dealt with both set-up for hardware and software plus business training. I have worked in the academic environment in college, the business environment and with 5 professional training corporations. I have also converted 26 companies to computerized systems, helping also with purchasing both the necessary software and hardware. I have expertise in MS Access, SQL, Windows 2000/3, IIS, Apache, Java/J2EE, C#, XML, XML/XSL, ASP/ASP.NET and VB/VB.NET. Clients include Casio, CBS, Gov. of Cyprus, DOD, DOE, and NASA for database implementation, middle tier development, front end deployment and programming.

### **Business Experience**

3/98 - Present

DFAS  
Indianapolis, IN

Contracted initially to integrate Access into Oracle 8i. Subsequent work on the XML layer from Oracle 9i to integrate with main DOD systems – using XSL, DOM, SAX. Work continued into 2002 setting up both internal web services using Java and setting up an internal UDDI server system and later, exposing web services out to general DOD community.

8/95-10/03

Casio International  
Tokyo, Japan

Setup their initial databases using Sybase. Setup an internal reporting system for their worldwide sales dept. In 1998, setup a reporting system using ASP and VB6.0 and switched their database system to MS SQL 7.0. Between 2001 and 2002 added ASP.NET support and used C# to update the reporting system. Setup C# windows forms clients to utilize web services provided by Casio manufacturers/suppliers. Work will continue in 2007 integrating Casio systems and providing services to large retail clients and some school district support in the US.

7/96 – 10/99

NASA  
Houston, TX

Setup integration systems between NASA and JPL (Jet Propulsion Labs). NASA is a strictly Microsoft shop and JPL uses Java and DB2 systems. Initially used text files and FTP but went to XML and SAX/DOM for data transfer as the technologies developed. We are moving towards web services but money is drying out for contractors.

Aug 2005 - Present

Custom Homes  
Dallas, TX

Working on a virtual reality system using C++ so that this organization's architecture plans for customized houses may be scanned into a VR system and the engineers and architects may visually walk through the home without the time and expense of building prototype mock-ups. Similar to what Boeing has done with the 777 and 787 on a smaller scale.

7/2004-9/2004

Fast Freight  
Dallas, TX

Setup of ASP.NET programming using C# for a pocket PC environment so that when freight trucks arrived, HP pocket scanners could be used to integrate into an MS SQL2000 system for freight/insurance records.

June 2006

Bureau of Reclamations  
Boulder City, NV

Contracted to begin their migration from VB6 and VBA to VB.NET and ASP.NET 2.0 with data accessed using MS SQL2000 and Access. Will probably return in Feb-March 2007 to work on an XML layer and probably working writing clients for web services provided by the Dept of Interior.

April 2006

Largo Sheriff's Dept  
Largo, FL

Contracted to work on their ASP.NET reporting mechanisms with MS SQL2005 and setup web services for other sheriff departments in Florida and consume some web services being provided by FBI and HLS, heavy use of SOAP encryption and asynchronous processing on the client end.

6/2005 – Projected 2009

City of Phoenix  
AZ

I am putting together a team of 35-45 developers to work on Phoenix's new light rail system for building, inventory, reporting, maintenance and administrating. This will use a cluster of 8 MS SQL2005 machines and a web farm of 12-14 machines in a pipeline format. Programming will be done in C# and ASP.NET 2.0 and we will provide web service hooks available for the Phoenix municipality and other systems that must integrate. Going through the specification phase right now and use cases.

May 2005

M.A. Patout & Sons Sugar Cane Refinery

New Iberia, LA

Worked with the local IT team to migrate from VB6 to VB.NET. Used Windows forms exclusively and many console applications to work with their scale system hardware.

### **Education**

I attended the University of Missouri at Columbia. My undergraduate work was in mechanical engineering and graduate work was in nuclear engineering. Was on the Engineering Dean's list.