

Professional Résumé

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Professional Objective: To pursue an increasingly technology-rich career in the fields of application development and future technical innovations. The core goal being the further enhancement of a skill set in leading software platforms like C#, VB and ASP .NET, Silverlight, Java, Python, PHP, SQL, MySQL, and other industry standards, while also learning new tools necessary for the advancement and evolution of application development. These goals will allow me to maintain a competitive edge in the market and technological advantage for future projects and opportunities.

Key Skills

- **C#/VB/.NET Programming (4+ years):** Microsoft Visual Studio 2005, 2008, 2010
Microsoft Team Foundation Server 2010
- **Microsoft SQL Server (3+ years):** Microsoft SQL Management Studio 2005, 2008
Microsoft SQL Server Integration Services (SSIS) 2005, 2008
Microsoft SQL Server Enterprise Manager 2000
Microsoft SQL Server Data Transformation Services (DTS) 2000
- **ASP .NET (1+ years):** Microsoft Visual Studio 2008
- **Silverlight 3/4 (1+ years):** Microsoft Visual Studio 2008, 2010
- **PHP/MySQL (1+ years):** Macromedia Dreamweaver 6
phpMyAdmin
SQLyog

Education

BACHELOR OF SCIENCE, COMPUTER SCIENCE

Minors: Physics and Mathematics

Fall, 2003 - *Eastern Washington University*

Cheney, Washington, USA

Employment History

Sep 2010 - Oct 2011: **LabTech Software**, Tampa, FL, USA
Role: Software Engineer

Duties: Design and develop software that is used to monitor and manage all of the systems and devices on a client's network. These tools are used by managed service providers to anticipate future issues and needs, and resolve problems as soon as they occur. Some of the key projects I have worked on are:

- Backup Software Management Console – Design and development of a central screen that is used to install and monitor backup software on any computers for all clients within the system. This gives the user the capability to easily manage all backup processes from one easy-to-use interface.
- Network Probe GUI (Graphical User Interface) – Creation of multiple screens that are used to display the information brought back from the network probe about various devices on the network. Included are different graphs to show things like drive space usage, throughput on the ports of a network interface, and printer supply levels.
- SNMP Data Interpretation and GUI – Creation of user interface screens used to interpret the data retrieved from device MIB (Management Information Base) files in a user-friendly way. This allows the user to specify what data they would like to retrieve from the devices by determining what OID (Object Identifier) they need to query.
- Scripting Engine/GUI – Modifications of existing, and creation of new functionality within the scripting engine and user interface of the product. New functions include the capability for a user to send commands to a device via Telnet/SSH and receive the results to do further interpretation within a custom script.

Application development was done using Visual Studio 2010 for VB/.NET programming and MySQL for database development.

Contact: **Brett Cheloff** - bcheloff@labtechsoftware.com

Dec 2006 - Dec 2009: **Spokane County Information Systems Department**, Spokane, WA, USA
Role: Senior Computer Programmer

Duties: Designed, built and maintained applications in C#/.NET, ASP.NET and MS SQL Server. Work included taking application specifications and creating the required components (C# WinForms, ASP.NET pages, user controls, SQL stored procedures) necessary for completion. These applications included:

- Court Case Document Imaging Software – Transitioning from a legacy MS Access application to be rebuilt as a C#/.NET WinForms application with access to SQL Server databases through the use of stored procedures in an application role security model. Used to maintain and track case documents through their lifespan as dictated by state law. Some cases are confidential which added various levels of security concerns and implementations. Application included a third-party imaging platform which was interfaced using the API and used to manage storage of the document images.
- Juvenile Information Management System – Stored and maintained data associated with juvenile offenders as they were processed within the juvenile correctional system. Built as a C# WinForms application with a SQL Server backend using an application role security model. Created several new forms which entailed creation of new user controls, database stored procedures, and substantial alpha testing.
- Regional Support Network Mental Health Information Management System – Created and maintained components and forms using a 3rd-party development framework created by Raintree Systems, Inc. The language, called RSL, was a proprietary language based on Delphi and the Raintree software.
- Access To Recovery – An ASP.NET application used to store and manage data about homeless and other needy people that are receiving help through the program. It was built using Visual Studio 2008 and connected to SQL Server through an application role security model. External users connected to the application securely through the Microsoft ISA server. All users were authenticated using their Active Directory login credentials.

Application development was done with the use of development tools like Visual Studio 2005/2008 for .NET programming and SQL Server Management Studio for creating/maintaining database tables and developing stored procedures. Reports for the applications were created using SQL Server Reporting Services and Crystal Reports. Work also included application and network troubleshooting as well as user and application support.

Contact: **Becky Gehret** - bgehret@spokanecounty.org

Dec 2005 - May 2006
Jan 2005 - Apr 2005
Jun 2004 - Oct 2004:

Gen-i, Auckland, New Zealand

Role: Technical Analyst

Duties: Provided 1st and 2nd level technical support to end-users remotely through the use of server technologies like Microsoft Systems Management Server (SMS) and Novell ConsoleOne & GroupWise. The two primary clients were the Ministry for Agriculture and Forestry (MAF), the government agency involved in aspects like agricultural customs concerns, and Genesis Energy, the leading power and electricity provider in New Zealand. Supported 100+ custom applications each designed for a few key users to do a very specific set of tasks. Job responsibilities included managing user files and permissions, testing and troubleshooting application errors, and taking responsibility for bringing issues all of the way from problem to resolution as expediently as possible.

Contact: **Kerry Gibbard** - kerry.gibbard@gen-i.co.nz

Jun 2005 - Nov 2005
Aug 2002 - Apr 2004:

Eastern Washington University, Cheney, WA, USA

Role: Computer Information Systems Specialist / Web Programmer

Duties: Started primarily as a part-time technical support role for multiple departments while finishing university. This included desktop support for Windows 2000/XP and user application training. Slowly the position transitioned into a web development role building both static HTML pages and dynamic content with PHP in the middle-tier and MySQL as the database backend. This development was done using Macromedia Dreamweaver for web page creation/modification and standard text editors for the PHP/MySQL programming. Besides various departmental static HTML pages, the web-based applications included:

- EWU Image Survey – The survey was created for the University Relations department to get feedback from the alumni, students and faculty about the public image of the University. To make the survey more compelling to the hopeful participants, there were prize drawings for anyone completing it. There were many third-party packages that could have been used, but none of them allowed the level of control the department wanted over the functionality and look-and-feel of the survey. It was custom built from the ground up in PHP with the design being done by graphic designers in the department. MySQL was used to store the accumulated data and track user progress. The project succeeded above expectations and yielded very useful resulting data.
- Good Morning Eastern (Faculty and Staff Newsletter) – Created as an online publication for the University Relations department. Application was built with an administrative workflow interface in PHP/MySQL where authenticated users could add content to be displayed. The content was then verified by administrative users who would either accept or reject it. Content that was accepted would be displayed in the appropriate section on the specified day.

Contact: **Mary Voves** - mary.voves@ewu.edu

Contact: **Roxann Dempsey** - roxann.dempsey@ewu.edu

Technical Skills

Programming Languages

Assembly
ASP.NET
C/C++
C#.NET
HTML
Java
JavaScript
PHP
Python
Silverlight 3/4
T-SQL
VB.NET

Web Site Development

Apache Server
ASP.NET Programming
HTML Programming
Java Applets
JavaScript Programming
MySQL Databases
PHP Programming
Web Content Management Systems

Networking

Linux Networks
Microsoft Networks
Novell Networks
Protocols (TCP/IP, HTTP, SSL, FTP, SNMP, ...)
Secure File/Folder Permissions
TCP/IP Configuration
Web Server

Computer Platforms/Programs

Adobe Acrobat 9
Adobe ImageReady 7
Adobe Photoshop 7
Internet Explorer 6/7/8/9
JBuilder 8
Linux – Debian 4.0, RedHat 8
Macromedia Dreamweaver MX
Macintosh OS X (limited exp.)
Microsoft Office 2003/2007:
- Excel
- Word
- PowerPoint
- Access
- Outlook
Microsoft SQL Server 2000/2005/2008
Microsoft Visual Studio 2005/2008/2010
Microsoft Windows 2000/XP/Vista/7
Netscape Navigator/Composer 7.1
Novell ConsoleOne
Novell Groupwise