

Matthew W. Whited

Qualifications: Senior Developer

Languages: Microsoft Visual .NET 2002 to 2010, C# and VB.Net; Visual Basic 6.0;

Databases: MS SQL-Server 7.0 to 2008; MS-Access 95 to 2007

Internet Technologies: Active Server Pages; XML; ASP.Net; ASP.Net MVC; WCF

Blog: <http://www.hackersbasement.com/>

LinkedIn: <http://www.linkedin.com/in/mwwhited>

Portfolio: <http://www.whited.us/portfolio/>

StackOverflow: <http://stackoverflow.com/users/89586/matthew-whited>

Professional Experience

Private Consulting, Columbus, Ohio

November 2009 – Present

Senior Software Developer

Designed and developed schedule based messaging services.

Accomplishments:

- Extensible model was created to support extensible message routers.
- Two different routers for SMS were created to support internet hosted as well as cellular based SMS services. Proof of concept router for SMTP/POP3 email was created as well.
- Simple mapped table data model was created using SQL 2008 and LINQ2SQL
- Platform is a mixture of .Net 3.5 and 4.0 using Visual Studio 2010.

Safe Auto Insurance, Columbus, Ohio

April 2010 – Present

Senior Software Developer

Design and developed .Net applications.

United Healthcare Group, Columbus, Ohio

December 2008 – April 2010

Senior Software Developer

Design and developed applications for EDI transfer and transformation. Using .Net and various scripting languages, process flows and data transformations are created to support production processes.

Accomplishments:

- Created WCF based adapter between MVS mainframe and .Net.
- Designed and wrote a generic conversion tool for transforming between fixed width and delimited files.
- Create event based workflow processing service. Currently a proof of concept for future designs.
- Upgraded existing WinBatch scripting processed to .Net using C# and VB.Net.

J.P. Morgan Chase, Columbus, Ohio

June 2008 – December 2008

Senior Software Developer

Developed an audit and trade history database for the internal broker dealer organization.

Accomplishments:

- ASP.Net Website powered by SQL 2005 database server. Data binding and custom server/user controls were used to simplify the design and maintenance of the website.

The Dot Net Factory, LLC, Dublin, Ohio

August 2007 – April 2008

Senior Software Developer

Designed and programmed bi-directional adapters between EmpowerID and external systems. Also provided network design and application support.

Accomplishments:

- Created custom user, group, and resource management interfaces between EmpowerID and external systems such as NTFS, Windows Shares, Sharepoint, ODBC, Linux/Unix, Active Directory, E-Directory and several others

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- Designed and build custom TCP/IP socket tunnel over WCF. This allowed protocol bridging between install points without a VPN connection.

3SG Technology Co-sourcing, Dublin, Ohio **Software Developer/Database Administrator**

September 2006 – August 2007

Primary duties entailed developing software and databases to support production scanning projects. Some of these applications included inventory control, production workflow management, data reconciliation and customization of existing image viewer software.

Accomplishments:

- Replaced existing inventory controls to include unique barcodes to increase accuracy and performance of production scanning and data entry teams. Inventory/barcode tool used custom XSLT templates to allow for easy modification to barcode scan sheets.
- Improved performance of image conversion processes by creating multi-threaded and multi-node services. Other features added to the conversion process included user interfaces to allow computer support staff and production teams to monitor and maintain processes without development intervention.
- Web based reporting tools were developed for quality assurance team. These tools increased accuracy and productivity by allowing scanned documents to be monitored and tracked from receiving to return shipment.
- Secondary duties included helping IT support teams as needed mainly by configuring routers, firewalls, and VPNs.

Eastland-Fairfield Career & Technical Schools, Groveport, Ohio **August 2000 – September 2006** **Senior Network Engineer/Software Developer**

Designed and managed wide area network for use by students and staff of the school district. Developed databases, scripts, tools and applications to improve productivity for computer support department.

Accomplishments:

- Developed two generations of a Helpdesk Ticketing System. First generation was written using PHP, MySQL, RADIUS authentication, and LPR print queues. Second generation was ASP with MSDE, modular authentication, and raw network printing. These ticketing systems allowed computer support to improve response time and monitor trends in system failures.
- Designed and developed custom computer hardware inventory and software license tracking database. This database was written using Access 97 and later upgraded to Access 2000. Using VBA and off-the-shelf barcode readers, time to inventory classrooms and computer labs was reduced dramatically. By paper labs of 25 computers would take two people several hours. Using this database one person was able to do the same job in less than 30 minutes.
- Architected several evolutions of network topology. This included segregating the network for easy management and implementation of 3Com network enabled phone systems. Network operating systems ranged from Novell 5.1 to 6.5, Windows 2000 and Windows 2003 Server, and various versions of Linux (Slackware, Redhat) and Unix (AIX)
- Secondary duties included helping the district's technology coordinator with project planning, yearly budgets, and team lead for computer support team.