

Todd Meyer

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Computer Knowledge	Programming Languages	C, C++, C#, Java, J++, Java Script, HTML, DHTML, XML, ASP, ASP.Net, Perl, PHP, VB, VB.Net, Flash, Flash with Action Script, UNIX bash scripting, Cold Fusion, JSP, ADO.Net, Web services with C#, Java Web Services
	Networking	Peer to Peer, LANs, WANs, Wireless LANs, DHCP, TCP, DNS, Linux servers with Windows clients, Windows Server with Linux Clients, Linux Server with Linux Clients, Windows Server with Windows Clients, Windows Active Directory with a Domain Name Controls, Server Clustering, Cisco Routers and Cisco Wireless LANs, Cisco Unity Call Manager, Cisco Phone System, Some experience with Novell.
	Operating Systems	Linux, Red Hat AS Linux, Red Hat WS Linux, Red Hat 8, Red Hat 9, Red Hat 7., Mandrake 8, Mandrake 9, Mandrake 10, Windows 3.1, Windows 95, Windows 98, Windows ME, Windows NT workstation, Windows 2000 workstation, Windows 2000 Server, Windows 2000 Advance server, Windows NT server, Windows 2003 server, Windows XP Pro, Windows XP Home, Windows Vista, Windows 2008, VMWare, BSDI, HP UNIX, Free BSD, Solaris 8, Solaris 9, SuSe Linux 7.1, Debian 3.0 Linux, Fedora Linux and limited knowledge of Novell.
	Databases	Microsoft Access, Microsoft SQL, MySQL, Oracle 9i, Oracle 10g, JD Edwards and Sybase.
	Computer Software	Microsoft Office Products, Microsoft Visio, Microsoft FrontPage, Microsoft Virtual PC, Apache Web Server, IIS Web Server, Tomcat Web Server, Adobe Photoshop, Adobe Acrobat, Adobe Illustrator, Adobe InDesign, Adobe Premier, Paintshop Pro, Corel Draw, Corel Word Perfect, Painter, Brice 3D, Auto Play Studio, Microsoft Visual Studio .Net, Borland JBuilder, JCreator, Netbeans, Open Office, Macromedia Studio, Swish, Lotus Notes, Outlook, Netscape Navigator, Fire Fox, XML Spy, Script Works .Net, Site One, Camtasia, Sendmail, QMail, Exchange Crystal Reports.
Education	BA in Computer Science and a BA in Mathematics from Silver Lake College in 2001 Three Graduate courses in Cyber Security Education from University of Illinois at Springfield in 2004	
Experience	September 2008 – Present Network Administrator / Computer Programmer Seek Professional Grafton, WI	My primary job duties were to assist with a new manufacturing facility that was being built by integrating technology into the new facility. I worked with other companies such as EDCI, Town and Country, and CD Smith to name a few. With EDCI they implemented a new CISCO Phone System while I assisted with them on this project. Once the new Phone System was in place I made changes such as creating new Hunt Groups, programming

CISCO Wireless Phones, adding users and configuring extensions to call cellular telephones. With Town and Country I worked with them by instructing them where network drops need to be placed and implementing a biometric security system. I also implemented a video surveillance system, programmed CISCO Wireless Access Points, programmed in Crystal Reports, updated websites, migrated users from Exchange 2003 to Exchange 2007, implemented a VM Wear of Windows 2008 with Exchange 2007, programmed SQL statements, programmed wireless devices to be used on the wireless LAN.

May 2008 – September 2008
Systems Analysis
Binary Visions
DePere, WI

Migrated 750 users, 400 workstations, 50 servers from Novell to Windows 2003 Active Directory for Pierce Manufacture Inc, then migrate the same equipment to the Oshkosh Corporation data center. To complete this task I first had to document the current state of the Novell systems, then create the Active Directory tree so that there would be no to very little affect on the users and production. The current state of the Novell systems was at a very low state of maintenance such that there was a server going down once a week. I also created support documentation for known issues that occurred during the migrations stages. The migration tool that was used is called NDS Migrator. I did work in a team of 6 personal and 1 project manager.

February 2007 – April 2008
Database Administrator
Stanley Associates
Camp Arifjan, Kuwait

Create programs to interact with a Sybase database system call AWRDS. Maintain a database with 99% uptime that stores all of the information for all equipment and repairs of equipment for Operation Iraqi Freedom and Operation Enduring Freedom for South West Asia. I support users by creating reports and stored producers. Created an Intranet site that access an 8 gigabit database, by using stored procedures and SQL commands that retrieved data from the database. Also the intranet site generated reports when a user clicked on a button. Created a destroy recovery plan for a military maintenance and supply database so that the database and service would have a 100% redundancy with 0% lost of data.

June 2006 – February 2007
Webmaster
General Dynamics
Camp Arifjan, Kuwait

My primarily responsible was in effective planning of telecommunications, design, implementation and operation of the Help Desk for Operation Iraqi Freedom as well as the Network, Data Communications, Telecommunications, and Desktop Services infrastructure. This includes responsibility for strategic planning, technology decision making, budgeting planning for the 160th Signal Brigade for Operation Iraqi Freedom and Operation Enduring Freedom, across 22 different countries. I also was the webmaster for all of South West Asia for the Department of Defense. Where I did Web development, System Administrator, Information Assurance, Help desk, and designed implementation and operated a Microsoft SharePoint Systems, in support of Operation Iraqi Freedom, and Operation Enduring Freedom. When I came to the 160th Signal Brigade, there was nothing in place as

of Web Servers, nor any servers for the Brigade. I also had to abide by the US ARMY Regulation on setting up and configuring the equipment. Within two weeks I have had a public web site up on a public web server, within three months I have had implemented a Share Point Portal for the 160th Signal Brigade. For the servers I have set up and configured 12 different Windows 2003 servers with 4 of those servers running Microsoft SQL server. Since the US Army works with two types of networks I had to configure half of these servers to work on one network called NIPR, and the other half to work on SIPR network. NIPR Network is a common standard network. SIPR network is the US Army Secure Network. When I was creating my web applications for the NIPR Network, was no problem with creating these programs but for the SIPR Network I had to encrypt my code and also had to check my buffer over flow two different times. I also had to manage four different web developers across four different countries. I also assessed in the implementation of VIOP for the 160th Signal Brigade. Also I have worked with PKI, Information Assurance on keeping data secret. One of the major problems that the 160th Signal Brigade had was data compromise, which is where data from a secret computer system is on a non-classified computer system. I fix this problem by creating a custom program that labeled all MS Word, MS Excel and MS Power Point files with the classification of the computer system that the file was created on. I also managed 5 different web developers across 4 different countries. The servers that I configured are used as a test bed for security of a server. I also have worked with the AWARDS database program which is a Sybase system. I have worked with fiber channel switches, Dell servers and racks, CISCO switches, and a classified firewall. Created a destroy recovery plan for a military electronic communication portal so that the service would have a 100% redundancy with 0% loss of data for the many different classified networks the US Military uses.

March 2006 – June 2006
Director of Technical Operations
NavGate Technologies
Neeah, WI

When I started at NavGate Technologies there was no documentation on any of the software licenses, servers, or web sites that I needed to maintain. There was little documentation for the e-mail and DNS records in a form of an Excel spreadsheet. So I started out creating a highly detailed documentation on all of these items. After that was completed I then started to create a web application that would do the billing for the clients of Care Quest. This web application that I created is a technical support tracking system which needed to track all of the customer support calls for the different products. I did both of these web applications using two different database platforms, a MySQL and Microsoft SQL databases. I also maintained three different web servers, two of these web servers are Windows based, and the other in Red Hat Linux based. Both of the Windows based Web Servers had a Microsoft SQL Server. Also the Windows based servers, one used IIS and the other used Apache as the web service. The IIS web service I did configure to use Frame Work 1.1, PHP,

and Coldfusion. The Linux server was strictly for the MySQL databases. I also had to find a different web hosting company that could host all of the company's web servers, and e-mail server. When I started the company was using Go Daddy, and Advances for the web hosting of the three dedicated servers. I did switch all over to Rack Space. I did base my decision on the support, up time reliability and cost. I also added to maintain all of the 200 e-mail address, and mail server. The mail server was a Web Mail, which was configured with 10 different domains names. I was also tasked with finding new technologies for the customers that would benefit the customer's way of life. I looked at a GPS location device. This device would locate any young child by typing the access code of the device on a web page.

2001 – 2006

Web Developer Instructor

Moraine Park Technical College
West Bend, WI

As a web developer instructor I taught these courses: HTML, XML, FrontPage, Advance FrontPage, Adobe Photoshop, Microsoft Excel, Microsoft Access, Microsoft Word, Microsoft Operating Systems, Linux Server, Introduction to Intranets, CSS, Database Driven Web Sites, JavaScript Programming, Introduction to Java Programming, Advance Java Programming, Creating Web Services with Microsoft .Net, Microsoft Servers, Dreamweaver, Flash, and CGI Programming using Perl and PHP. I was not a typical instructor, I taught my course by telling the students why, then I showed the students how to, then I let them practices on some items that I created. For me to be able to teach my students this way I had to create multiple examples for each of the courses. Since I taught 75% of my course on line I also had to find different ways to communicate with the 500+ students. I used e-mail, instant messaging, web conferences, and with streaming videos. All of the course were project based, the students had to create a fully function project by the end of the course. I also had to be the student's project manager for their course project. For a student to graduate the student need to create a graduation portfolio, which I also had to manage these projects. In one years time span I managed about 1500 different projects. In the Linux Servers course the students had to create a small Linux network. This network was made up of one Linux server, one Linux workstation, one Windows based workstation, and one Windows based server. The Linux server need to have Apache as the web service, a e-mail service, DHCP service, Samba, Open LDAP, DNS, FTP, file sharing, and print service installed and working. All of the Windows based computers needed to communicate with the Linux server and the Linux workstation needed to communicate to all of the other systems. The last time I taught Linux servers I had the student take a free certification exam from Brain bench, out of the 23 students in the class 22 of them past this exam. The exam is equal to Linux+ certification. For my Database Driven Web Sites course I was the first instructor in the Wisconsin Technical College System to teach this course using PHP, MySQL, and Dreamweaver. The students needed to create a Hotel

Booking System. To do this the students also had to configure their system as a web server. The Creating Web Services with Microsoft .Net course I created a complex web service using 10 different computer systems and all of these systems were sharing information from one to the other. In the Advance Java Programming course the students had to create applications, web applications, JSP pages, Java Servlets, and connect to a database. Some of my other duties as a web developer instructor was that I needed to configure all of my own computer labs, which was 5 different labs with 30 computer systems in each lab, maintain all software licenses agreements, maintain two different web servers for the students work, create course content, council students on disciplinary problems, plan and maintain a budget for the web developer program. I also assisted my student on created electronic employment portfolios on a interactive CD-ROM

Summer of 2005
Instructor / Consultant
New Horizons
Appleton, WI

At New Horizons I was hired as a consultant for a client of theirs who needed some help with a Linux project that the client was starting to work on. The client needs to know as much information on the Linux operating system. The client was having an outside source create a massive web portal. In one week I show this client how to install, maintain, configure, and use three different Linux operating Systems. After meeting with the client for a second week I was able to show the client on other items that they should be aware of. The client was so happy that I was able to create a small web portal in less than a week for them to see what it all takes to create and maintain a web portal. I also instructed four different courses in installing, configuring, maintaining a Windows 2003 Active Directory with multiple domains and users.

2001 – 2002
High Speed Data Specialist
Charter Communications
Fond du Lac, WI

When I started as High Speed Data Specialist I did trouble shooting computer network problems over the phone. I was able to walk a non-computer user to set up a shared a printer, share files from three different computers, and configure a router. Once my manager at Charter Communications saw how great my trouble shooting skills are I was moved to the night shift trouble shooter. That is were I was able to assist Network Engineers on trouble shooting upgrades and outages. Charter Communications had a customer base of 20,000 users which covered the whole state of Wisconsin. I also created some helpful trouble shooting tools with Flash. These tools were interactive Flash files that would assist the technician on walking a user through multiple problems that a technician could ask question about the user's computer(s). I created this so that the technician would not have to use his/her own computer. The Flash files acted just like a user's operating system. The operating systems that would be covered are: Windows 95, Windows 98, Windows ME, Windows NT, Windows 2000, Windows XP Pro, Windows XP Home, and OS 8 through 10, Mandrake Linux, and Red Hat Linux.

2000 – 2001

When I hired on at Lakeside Systems, it was for a driver to

IT Personal
Lakeside Systems, Inc.
New Holstein , WI

deliver construction supplies to job sites. Once they new how good I am with computer systems they asked me to set up the company's web site. Which I used FrontPage since I would not be maintaining the site. I chose to use FrontPage because the office personal would be do all of the updates. Lakeside System did not have a network installed when I started employment. So I did install a network with two Windows 2000 with Active Directory, with two domain controllers, configured the workstations which were Windows NT, Windows ME, Windows 98, Windows 95, and Windows 3.11. There were a total of 15 work stations and 5 printers. I did install and configured a tape backup for the two servers. I did research and test new software that the company planned on purchasing. I did fix users computers and educated users on what that user did wrong.

1999 – 2000
Internet Support Technician
Lakefield Telephone Company
Newton WI

At Lakefield Telephone Company, and a customer base of 1500 of dial up internet customers with three technicians on staff for only 8 hours per day for 5 days a week. I managed the customer database, walked non computer users setting up their computer system for e-mail and internet connection. I would average about one call every two hours.

1999
Computer Technician
Tri-County Electronics
Kiel, WI

When I started at Tri-County Electronics there was a 4 week turn around on repairing customers computers, within a month time I had that down to a same day. I repaired customers' computers on site at the customers home or business and in the companies repair center. There were two other computer technicians working at the time of my employment. I also installed and configured the company's e-mail server for the 500 dial up internet customers. The e-mail server was NTMail. I also created some basic web pages for the company. I repaired computers and printers for the customers of Tri-County Electronics.

1996 – 1999
Web Administrator
Data Plus
Manitowoc, WI

I started out as in house sales person. With in three weeks I was doing some basic computer and printer trouble shooting. When I had five weeks in at Data Plus I was started doing dial up internet telephone support. At that time there was another person also supported a customer base of 2500. With in 6 months employed at Data Plus I received my first computer repair assignment. This assignment was given to me by the CEO of the company. He handed me a mother board, which was new in an OEM box, an OEM CPU, and a striped out case. He told me to install the mother board and CPU in the case. One hour later I had that completed for him. After that I started to do in house computer repairs while I am still doing in house sales of computer systems and internet support. With in one year, the web master was arrested for credit card fraud. When the local police came to arrest him he brought down both BSDI servers for the dial up internet. The CEO told to me "You are the new webmaster and web administrator, and that both servers are down at the present time and you need to get them both up and

running and I was unable to call technical support". I was able to get the two servers back up and running within three hours. While I was the Web Administrator there was a problem with the modems in the modem bank were in an int0 state. This means that the modem needed to be reset. So instead of a physical reset / reboot, I created a program in Perl that would do this for me. Then the customer base started to grow. The customer base went from 2500 to 3500. At this time the modem bank was only at 100 modems, so a massive upgrade was needed. When this upgrade was going to take place some office remodeling was also being completed. So the modem bank was going to be moved and 200 more modems with 200 more phone lines were going to be added. To prevent a low down time the CEO decided to do this all in one night. That day the upgrade took place I worked 36 hours straight. The billing system that was in place was inadequate for the large increase of customers. So I had to create a new billing system. I did this in Perl then a year later I re-created it in Java. Since I was working so many hours the CEO hired a new internet support person. The person was still in high school and had no UNIX experience so I created a program in Java where he could access the customer accounts without crashing the servers. I also managed 35 different web sites with domain names, and created these sites using raw HTML code then later in WYSIWYG software, FrontPage. I also ran cable and installed WAN's and LAN's for large business customers. At Data Plus there were multiple different modem banks in multiple locations in the areas, so I also had to manage and configure: T-1 lines from multiple providers, DSU routers, Gateways, Livingston Port Masters, DHCP servers, RADIUS servers and ISDN lines.

1990 – 1994
**Infantry Soldier & Master
Maneuver Control System
Operator**
US Army
Ft. Stewart, GA

When I served with the US Army I had a chance to learn how to operate and maintain a Maneuver Control System (MCS) for a brigade S2. (MCS is a computer system that commutated with other elements in the Army. The MCS commuted via FM/Telephone/Satellite.). The MCS is a UNIX base military computer system. I also was a team leader in a combat situation. I oversaw 5 soldiers. I had to give and receive orders from my chain of command. I also was in charge of a 2.2 million dollar vehicle.

To view my on line resume with examples of my work please go to
<http://www.meyerenterprise.com/resume>