Brady C Horn

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Work Experience

General Motors Service and Parts Operations   **2004-Present**
SPO World Headquarters, Grand Blanc, MI   *Global Project Manger - Information Systems & Services*

I currently work in the function of Global IT Project Manger in the Information Systems and Services (IS&S) department of General Motors (GM) Service and Parts Operations (SPO). I am currently the lead IT project manager for a global software development initiative for automotive service programming. This position has required me to manage multiple international multi-million dollar projects that support an enterprise wide common architecture for delivering service programming to GM vehicles globally.   This has position has also familiarized me with the CMMi software development process.

Accomplishments :

- Managed IT development of a global service programming system. This activity consolidated multiple systems globally and reduced ongoing support costs by $9,700,000.00 annually.
- Architected and managed offshore development effort of General Motors first fully ecommerce enabled website. The solution I designed utilized J2EE framework and multiple web services (XML, shipping API's, payment processing API's, etc…) which continues to provide business benefits today. These efforts also satisfied EPA and CARB regulations that avoided penalties of up to $25,000.00 / day.
- Developed a proposal and created a prototype for a document creation and management system that alleviates 18% of documentation overhead and improves document integrity throughout the software development lifecycle.
- Supported corporate sponsorship efforts for the Genesee County United Way, though participation in a Charity Hockey Event and support activities.

General Motors Service and Parts Operations   **2002-2004**
SPO World Headquarters, Grand Blanc, MI   *Senior Systems Analyst - Information Systems & Services*

In this position I managed and supported e-Commerce initiatives. I held the position of IT project manager for the AC Delco Training Delivery System. This duty included managing the development of acdelcotds.com by an offshore supplier. Another main responsibility of mine was Team Leader and Web Master of the SPO divisional intranet site. This included leading a cross functional team that was responsible for managing web site content for all departments within the SPO division of General Motors. Along with these duties, I also lead the spo.gm.com Web Team and represented SPO on the corporate GM Web Team.

Accomplishments :

- Architected the re-design of a corporate intranet site. This increased user acceptance and

bolstered usage of the site by 800% daily.
- Provided annual technical (web application) support to the Buick Open Charity auction. Due to my involvement, fund raising increased from $5000/year to $40,000/year.
- Successfully lead my organization's integration into the web based Orgchart. Over 1500 photos were captured and over 2000 individual profiles are integrated into "GM People Finder" as a direct result of my efforts.
- Reduced implementation times for content changes on intranet site from 5 business days to 1 business day.
- Architected a solution to consolidate multiple intranet sites. This resulted in a one time savings of $150,000.00 and an annual savings of $30,000.00

General Motors Truck Group   **1997-2002**
Pontiac Assembly Center, Pontiac, MI   *Computer Systems Engineer - Plant Engineering*

As a Computer Systems Engineer in the Plant Engineering department, my responsibilities included Web Administrator for the entire facility, Administrator of NetCache server, administration of other Windows NT and UNIX based servers (prodoc, MASS, Network Appliance), programming, manipulating electrical schematics in AutoCad, and trouble shooting electronic controllers (PLC's). Along with my technical responsibilities, I also led the PEA common web users group project, as well as taught summer interns the basics of web site design, and have led or been a part of several other managed projects, such as the CMORE installation project and the water leak test project. In this position I acted as a liaison between the Plant Engineering Department and the EDS account. I resolved manufacturing issues by engaging resources from Engineering, EDS, outside suppliers, and GM UAW skilled trades in order to sustain production.

Accomplishments :

- Lead the installation of an assembly line throughput improvement system. This gained over 0.5 JPH which translated to a $10,000,000.00 annual gain.
- Architected the electrical design and managed the installation of a water leak test system. This provided data that was used to reduce passenger compartment leaks and improved quality.
- Lead Y2K efforts for engineering supported plant floor systems. As a result, there was no disruption to production.
- Architected, developed, and managed installation of a weather monitoring system that was used to avoid EPA retribution.
- Designed a web based (digital imaging) solution to monitor and address assembly line issues.

Concepts in System Design   **1995-1996**
Tecumseh, MI   *Technician - Installation*

While working at Concepts in System design I installed and wired high-speed computer networks (LANs / WANs). My duties included termination and installation of CAT5 wiring, patch cords, patch panels, and closets. I was also responsible for toning, testing, and trouble shooting of the LAN's.

Education

Carnegie Mellon University
Pittsburgh, PA
Masters of Science in Information Technology (August 2005).

Michigan State University
East Lansing, MI
Bachelor of Science in Electrical Engineering (May 1998).

Technical Experience

Operating Systems

Microsoft Dos, Windows 3.1, Windows 95/98, Windows NT 4.0, Windows2000, Windows XP - I have followed a working progression with Microsoft operating systems from DOS 6.0 up to Windows2000. I am most familiar with Windows 2000 due to my daily actives working in that that particular environment.

UNIX - I am familiar with both Solaris and HP UNIX shells. I have completed college level courses in each. I used Solaris previous assignments for supporting applications such as DNS servers and Web Servers.

LINUX - I have four years experience with the LINUX OS. I have installed and administered RedHat LINUX on multiple hardware platforms.

Languages

Java -   I have written customized java applications as well as applets and servlets in previous positions. I have completed Sun Microsystems class SL – 275 and two collegiate level courses.

Fortran, C, C++ - I have studied and programmed at the college level.

HTML, JavaScript, CGI, Perl, CSS, XML, ASP, SQL, Flash, PHP - I am self-taught through tutorials, printed media, the internet, and daily use in my multiple positions at the General Motors. I have been using HTML for over ten years.

Allen Bradley Ladder Logic - I have created, edited, and debugged Allen Bradley Ladder Logic in my position at Pontiac Assembly Center in Plant Engineering. Additionally, I am familiar with Allen Bradley's suit of Plant Floor system software (Rslogix, RSLinx, AB6200, etc…).

GE Fanuc Cimplicity – I created, edited, and supported GE Fanuc Cimplicity monitoring and control screens in my position at Pontiac Assembly Center in Plant Engineering. I

Web Servers

Netscape Enterprise Server 3.6 - I installed and maintained for two years.

Netscape iPlanet / Sun One.1 - I installed and maintained for one year.

Microsoft Internet Information Server 4 (IIS4) - I installed and maintained for two years.

Apache Web Server (Linux and Win32 releases) - I installed and maintained for six years.

I am also familiar with the use and administration of various DNS, s/FTP, TELENT, SSH, and email servers. I have created Microsoft Access, MS SQL, Oracle and mySQL databases.