

BRIAN S. WASNER

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OBJECTIVE

System Administrator / Developer / Architect

Looking to obtain a position that will allow for gaining additional knowledge, experience, and personal satisfaction, allowing for growth and success.

PROFILE

- Possess more than twenty-five years work experience with Linux, Windows, and various open source technologies; Am a competent programmer with more than twentyyears experience each in using PHP, Perl, C, C++, Bash, CSH, SQL, HTML, CSS, and Javascript / jQuery; I also possess more than five years utilizing Ruby, node.js, and Typescript.
- Possess more than twenty-five years experience performing system administration, networking, and development on Linux (RedHat, CentOS, Ubuntu, Debian, SuSE, Slackware, Gentoo, and Arch), various Unixes (IRIX, Solaris, AIX), Mac OS X, and Windows.
- Possess more than twenty years experience in administrating database servers running various flavors of MySQL, MariaDB, and PostgresDB with were deployed with various large scale ecommerce websites and their management tools on Apache and Nginx.
- Possess extensive experience in deploying and administering Apache and Nginx webservers, Bind DNS server, Squid and Polipo proxy servers, memcache amd Varnish caching servers, WordPress, Joomla, Drupal, Tomcat, SSL and SSH tools, VMWare ESX Servers, LDAP services, Samba, Active Directory integration, Jenkins, Ansible, Chef, Puppet, and Cpanel configuration and deployment tools. I have experience in using Docker and Kubernetes, as well as LXC. Possess experience utilizing SELinux-enabled servers, iptable firewall rule creation and maintenance, various load balancers, and Cisco firewall / router setup and administration.

EMPLOYMENT HISTORY

Senior System Administrator, Asst Vice President, US Bank – Delivery Engineering Team – December 2022 – April 2024

- Responsible for designing and maintaining new web-based tools as needed for various projects across the Enterprise.
- Responsible for performing direct remediation of client and server issues as required with various Microsoft technologies – Intune, Entra (Azure) Cloud Platform issues, SCCM, Bitlocker, Remote Access utilities, Automation tasks, etc.
- Worked on various projects from across the Enterprise as needs arose from various security teams and affiliated parties.

Tools: Red Hat Enterprise Linux 6.x – 9.x, Windows Server 2012 - 2023, node.js, Typescript, PHP, Python, Perl, Nginx, MySQL, Apache, Javascript, SQL Server, SCCM, Azure (Entra) Platform Tools, Ansible, Powershell, Intune, LDAP Issues, AD Management, Jenkins, git, RDP, Bitlocker, ServiceNow

Senior System Administrator, Officer, US Bank – Enterprise Vulnerability and Remediation Team – October 2014 – December 2022

- Responsible for designing and maintaining new web-based tools that assist with the tracking and remediation tasks being worked on by the Vulnerabilities and Remediations Team. Also responsible for large-scale data analysis and generating reports that are used to help assign and allocate resources throughout the enterprise.
- Responsible for performing direct remediation of client and server issues as needed across the Enterprise.
- Worked on various projects from across the Enterprise as need arose

Tools: Red Hat Enterprise Linux 6.x – 9.x, Windows Server 2012 - 2016, node.js, Typescript, PHP, Python, Perl, Nginx, MySQL, Apache, Javascript, SQL Server, Jenkins, git, ServiceNow

Contractor, US Bank – St. Paul, Minnesota – Software Developer – July 2014 – October 2014

- Responsible for designing new web-based tools that assist with the situational tracking of issues being worked on by the Vulnerabilities and Remediations Team.

Tools: Windows Server 2008, Windows Server 2012, PHP, Python, Perl, Nginx, MySQL, Apache, jQuery, Javascript, SQL Server 2012

Infinity Direct – Plymouth, Minnesota – Senior Software Developer – December 2013 – April 2014

- Was the chief architect for several interactive websites for Polaris Motorsports, Indian Motorcycles, Harley-Davidson, and the Star

Tribune which collected customer information and provided metrics as requested.

- Instituted an employee documentation program (utilizing MediaWiki with custom templates) to ensure that all client and process details were current and centralized. In addition, I instituted several changes, including, but not limited to, improving security standards for deployments, utilizing a common code base for many of the clientele, and helped to foster a more communicative environment in order to ensure accurate site development and deployment, quicker response time to client and system needs, and allowed for higher levels of reliability and maintainability, thus bringing down development time and costs.

Tools: Linux, PHP, Ruby, Perl, cpanel, puppet, MySQL, Apache, squid, make, bash, cron, jQuery, Javascript, postfix, noSQL, git

ARS / Brand-Xpand - Chicago, Illinois; Chattanooga, Tennessee –System Administrator / Developer – August 2012 – December 2013

- Chief responsibilities include design, deployment, and continual maintenance duties of the shop.pbskids.org and www.tystoybox.com websites, as well as maintaining order and status data transfers these sites and third party providers such as Amazon, Poptropica, and Toys-R-Us.
- Implemented a process management chain for a new warehouse and manufacturing facility that began operation in October 2012 that allowed for the move away from some third party providers to in-house manufacturing.

Tools: Linux, OSX, Windows Server 200x, PHP, Magento Framework, MySQL, memcached, bind, Apache, Nginx, AWS, jQuery, Javascript, postfix, sendmail, nagios, puppet, chef, Varnish, noSQL, MariaDB, alien, squid, subversion

Nova Technology Solutions, Fairborn, Ohio – Open Source Architect – June 2006 – November 2010

- Chief responsibilities included the design, deployment, and continual maintenance of customer environments where Linux and Windows-based tools are fully integrated with various open source technologies as required by contract.
- System Administrator for DARPA-funded aerospace research organization. Duties include administration of primary / secondary storage servers, web server / email server administration, and interoperability with Windows and Linux-based workstations in nearby work centers. Security was designed and managed using established DoD requirements.
- Was chief developer on projects where I designed and deployed a large-scale management system for sports leagues – www.midwestohiobaseball.com and www.springboroyouthbasketball.com. I also designed and deployed a large student academic eligibility tracking system for a mid-sized school district in Southwestern Ohio that was later turned into a standalone commercial product. Designed schemas, security methodology, and data import/export tools for both projects. All server-side code was written in PHP utilizing a MySQL backend.
- Assisted as a consultant on various DoD / AFIT / AFRL research and development projects.

Tools: Linux, Windows Server 200x, OSX, PHP, Ruby, bash, csh, bind, perl, C, C++, yum, rpm, YaST, make, yacc, bison, MPICH2, sendmail, postfix, nagios, nmap, satan, spamassassin, Apache, IIS, squid, puppet, chef, Java, Oracle, Visual Basic, ethereal (Wireshark)

Self-Employed DBA Imaginative Solutions, Various Locations – 2001 to 2010

- Deployed technical solutions for a variety of customers in the Greater Southwest Ohio area, including, but not limited to:
University of Cincinnati – Expanded capacity of Blackboard student portal by adding additional SAN and web server capacity to existing installation;
Clopay Corporation, Troy, Ohio – Worked on-site to assist with custom software developed in-house to improve overall manufacturing processes via industrial automation;
Boys and Girls Club of Dayton (Ohio) – Migrated a Windows 2000 based infrastructure to one based on SuSE Linux. Created a custom, easy-to-use network management web tool to assist staff with daily tasks.

Tools: Linux, Windows Server 200x, Apache, IIS, PHP, Perl, bash, csh, YaST, bind, C, C++, Visual Basic, spamassassin, rpm, alien, ethereal (Wireshark)

Siemens Business Services, System Administrator/Level 3 Help Desk Technician - Mason, Ohio – January 2005 – May 2005

- Managed software technology utilized by The Coca-Cola Company throughout North America, Asia, and Africa. Job duties included diagnosing a wide variety of troubleshooting network connectivity and functionality for Coca-Cola employees in the International marketplace. Issues ranged from security issues, database issues, and plant management software problems.

Tools: AIX, Linux, Windows Server 2000, Oracle, smit, Clarify

RETS College, Computer and Information Technologies Instructor - Centerville, Ohio – January 2003 – August 2004

- Was an instructor in the Information Technologies program with the teaching of courses related to Linux Security and Networking, System Analysis and Design, Web Development, Database Connectivity, and Programming Logic to third year level students.
- Assisted in the creation of curriculum that incorporates newer developments in the field of information technologies while

maintaining a strong core focus on traditional computer science and engineering concepts.

- Also taught courses covering concepts such as Introduction to Operating Systems, Introduction to Visual Basic 6/.NET (2003), Open Source Web Development, Networking Technologies, Linux Administration and Security, Windows Administration and Security, et al.

Tools: Linux, Windows Server 2000, Perl, Visual Basic, C, C++, bind, sendmail, postfix, spamassassin, ethereal (Wireshark) nagios, satan, nmap, rpm, alien, Apache, IIS, YaST, Anaconda

Huffy ServiceFirst, Network Technician / Software Technician – Miamisburg, Ohio – February 2003 – September 2003

- Primary duties included the integration of Oracle 8 databases on HP UX systems with Microsoft IIS Web Servers via custom Perl scripts to provide dynamic content via a portal site to potential customers and remote field personnel.
- Involved with the roll out and update of employee computer and networking infrastructure at 1100+ Lowes' Home Improvement stores throughout the United States. Required to coordinate HSF and Lowes' Operations with remote repair crews and responsible for maintaining more than 97% uptime for HSF systems and uplinks. Also responsible for scheduling visits by local (to store) service personnel and third-party technicians when onsite support was deemed necessary.

Tools: Windows 2000, HP/UX, Oracle, IIS, Perl, Visual Basic

Springbrook Communications Group, Systems Technician – Cookeville, Tennessee – May 2000 – December 2000

- Developed technology to provide efficient routing and handling for broadband and wireless Internet connectivity and streaming audio and video to mobile or stationary customers.
- Performed customer support both on-site at customer locations and in emergency on-call capacity for a large variety of hardware and software issues, as well as inter-connectivity issues.

Tools: Windows Server 2000, Linux, BeOS, perl, bash, cron, samba, Apache, IIS, Visual Basic, MS SQL Server 2000, SSH, SSL

Netmaximizer.com, Software Developer / System Administrator - Sparta, Tennessee – January 2000 – April 2000

- Designed and engineered custom software designed to process credit card transactions for/with Yahoo! e-commerce business ventures in conjunction with verification services provided by First Data Corporation
- Responsible for developing strategies for co-location and distribution of Oracle, PostgreSQL, and MySQL databases. These procedures were designed to distribute the processing times and systems loads to various services located in Boca Raton, Florida and Los Angeles, California.

Tools: Linux, perl, bash, cron, samba, C, C++, rpm, alien, YaST, sendmail, postfix, SSH, SSL

Hiawatha Broadband Communications, Inc., Consultant - Winona, Minnesota – August 1999 – December 1999

- Performed testing duties of Internet connectivity during fledgling deployment of broadband system throughout Winona County, Minnesota
- Performed web server maintenance duties of Sun Solaris, DEC Alpha and Intel (Linux) based servers.

Tools: Linux, perl, bash, cron, sendmail, ncftp, SSH, SSL

KMart Corporation, Layaway Department Manager / Replenishment Team Supervisor – Winona, Minnesota; Cookeville, Tennessee – February 1998 – January 2000

- Manager of the Winona, Minnesota store layaway department and was responsible for accounting procedures for more than \$500,000 in merchandise; Performed customer problem resolution as required; handled the coordination of store 'rain checked' items. Performed security and inventory audits as required by company policy.
- In Cookeville, Tennessee, was responsible for the overnight replenishment crew and the ordering of general store merchandise; Also responsible for the deployment of store marketing signage and the setup of advertised items in kiosks and displays.

EDUCATIONAL BACKGROUND

Xenia High School, Xenia, Ohio – 1989 – 1991

- Studies included advanced mathematics (Calculus, Trigonometry), advanced science courses (BCBS Biology, AP Chemistry, AP Physics), and in-depth studies in American, British, and French Literature. Completed two year study of the French Language.

OTHER EXPERIENCE / PROFESSIONAL DEVELOPMENT

Putnam County Library System, Tutor - Cookeville, Tennessee – 2001

- Provided tutoring for a wide variety of computer and Internet-related problems to patrons of the library system on a volunteer basis. Provided introductory level materials to patrons with little-to-no computer skills which enabled them to feel comfortable with basic computing tasks such as word processing, using a web browser, sending and receiving email, etc.

Grandview Hospital, Intern – Dayton, Ohio – 1988

- Created a custom note-taking and report archival tool for residents of the Orthopaedic Surgery Department and on-site faculty of the Ohio University College of Medicine.
- Created custom document preparation tools to assist members of the hospital's public relations department with the initial deployment of the 224-HELP physician referral service.

Tools: BASICA, Dbase III, Postscript

Air Force Institute of Technology, Independent Consultant – Wright-Patterson AFB, Dayton, Ohio – 2009

- Assisted in a consultative manner with the installation and deployment of a high-availability research cluster consisting of more than 2,000 Linux-based Sony Playstation 3 consumer entertainment systems.

Tools: Linux, puppet, MPICH2, SSH, SSL, Apache, nagios, satan

National Air Space Intelligence Center, Independent Consultant – Wright-Patterson AFB, Dayton, Ohio – Various Times, 2007-2010

- Provided consultation services for various projects.

Additional, in-depth information may be found on my personal website at <http://scorpiaplanetae.net>