

Robert B. Bomar

501 Turner Rd

Apt 501

Tel: 817-803-5949

E-mail: bob@bomar.us

Professional Summary:

I am a highly motivated, hardworking Systems Administrator/ Systems Engineer, looking to further my knowledge and experience.

Technical Skills

Solaris 8, 9 and 10, HP/UX, FreeBSD, OpenBSD, Red Hat Enterprise Linux (RHEL), OS X, Dynix/ptx
Netapp and HP EMC Storage

C, Perl, PHP, Bourne Shell, Perl, awk, sed

Apache, Samba, BIND 8 and 9, Tomcat, Oracle, MySQL, VMWare

Certifications:

Red Hat Certified Engineer, RHEL 4

Sun Certified System Administrator, Solaris 10

Work Experience

July 2005 - Present Terremark Irving, TX

- Administered Solaris, AIX, RHEL 2.1, 3 and 4, Dynix/ptx, HP/UX, Windows NT 4.0, 2k, 2k3 and 2k8 server, along with Netapp 3140
- Dedicated support engineer for high profile customer
- Developed various shells scripts to assist in the administration of the servers, ranging from simple process checking scripts using Bourne shell, to hardware monitoring, to patch management scripts.
- Worked on UltraSPARC, PA-RISC, RS6000, x86, and x86-64 architectures
- Personally responsible for developing and maintaining return to service, and informational documentation for several customers.
- Provided personal support for said customers, ranging from password changes to implementing internal DNS to implementing mail servers with TLS/SSL, imap with TLS/SSL, and smtp auth.
- Performed root cause analysis on systems failures in order to prevent future occurrences, was able to prevent numerous outages caused by faulty installs, saving numerous customers time and money.
- Served as the mediator, and ultimately the final decision maker for customer systems upgrades. Convinced a customer to purchase 1 new server, rather than 3, and reconfigured their environment to include the new server, and was able to triple their load capacity, while only increasing their operating expenses by 10% instead of the planned 50% and reducing the ticket count by 90%.
- Worked closely with 3rd party vendors for various customer projects, effectively halving the time needed to implement the new features.
- Provided a 99% resolution ratio for service calls.
- Customized backup procedures for customers to prevent backup failures, and ensure efficiency by limiting what files and partitions are backed up.
- Performed basic troubleshooting and problem resolution of databases including MySQL, Postgres and Oracle.
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July 2005 Avanade – 1 Month Contact Irving, TX

- Developed a secure end point for communications to car dealerships
- Custom configuration of FreeBSD 5.4
- Custom control interface for end point.

November 2006 - Present Northlake College – Senior Systems Administrator Irving, TX

- Administered Solaris 8, 9 and 10, along with FreeBSD and OpenBSD systems
- Maintained an 80+ Sun Ray thin client network with 18+ servers.
- Developed new systems, such as UPS monitor, and system status monitoring.
- Assisted with purchase decisions for new hardware, providing feedback as necessary.
- Performed custom installs on the servers as necessary for various projects.

- Redesigned the server room, providing easier access for maintenance, more efficient space usage, and more efficient power distribution.
- Assisted in developing course work for UNIX classes.
- Maintain the campus wide online classroom, providing 24/7 uptime and 100% reliability.
- Managed a team of 2 other administrators in the day to day operations and future planning of all servers and equipment.

March 2003-August 2003 C.I. Host - UNIX Technical Support Bedford, TX

- Assisted customers with building and maintaining websites
- Assisted in the administration of the Linux web and mail servers
- Supported 2500+ Users distributed amongst 750+ servers.
- Handled 5-15 calls an hour
- Provided a 99% resolution ratio
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June 2000 – Present Bomar Flying Service Shelbyville, TN / Trophy Club, TX

- Developed and deployed entire network of servers from the ground up
- Maintained multiple web servers running FreeBSD 4, 5 and 6, using Apache
- Provided DNS services utilizing Bind 8 and 9.
- Provided Email services utilizing Cyrus, Spam Assassin, ClamAV, Postfix, Amavisd, and Horde/IMP.
- Implemented custom backup program, utilizing custom shell scripts.
- Deployed OpenBSD firewall

Non-IT Work Experience:

May 2002-August 2002 Radio Shack, Store 01-9146 - Sales Associate Trophy Club, TX

- Gained higher gross sales than more tenure personal

May 1999-August 1999 Texas Aero Plastics - Machine Operator and Finisher Roanoke, TX

- Manufactured plastic aircraft parts from raw materials to final shipping
- Routine maintenance of manufacturing equipment

May 1998-Aug 1998 Sundowner Trailers –Maintenance and Installation Specialist Shelbyville, TN

- Performed maintenance on trailers
- Performed custom installation of optional equipment

Education

January 2004- May 2006 University of Texas, Arlington

Pursued a Bachelor's of Science Degree

Major: Computer Science and Engineering

Member ACM and IEEE

January 2002- December 2003 North Lake College

3.75 GPA

Degree in UNIX Systems Administration

Graduated December 2003

Member Phi Theta Kappa

August 1999-December 2001 University of North Texas

Major: Computer Science

Minor: Technical Writing and Mathematics

August 1995-May 1999 Shelbyville Central High School

Graduated with an Honors Diploma