**Robert S. Henshaw**

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**OBJECTIVE**

Seeking a challenging IT engineering position where proven skills, training, and demonstrated dedication to excellence can be effectively and productively employed to benefit both my employer and myself.

**SKILLS**

Microsoft Office Sharepoint Server 2007/2010/2013 - WSS 2.0 - Microsoft Windows 2000/2003/2008/2012 Server - Microsoft SQL 2000/2005/2008 - Microsoft Exchange 5.5/2000/2003/2010 - Systems Management Server 2.0/2003- SCCM 2007 – VMware ESX 3.0/4.0/5.1, ESXi, VMware Workstation - UNIX/Solaris 9/10 – Linux/ RHEL 4,5,6 - Symantec Endpoint – Netapp Network Appliance Storage Equipment/OS - Veritas backup exec – CommVault Backup – Microsoft/SQL Clustering - DNS – WINS – DHCP - Symantec Ghost – Nagios XI

**EMPLOYMENT HISTORY**

2008- 2014: Bally Technologies

**Systems Engineer III**

* Responsible for the Microsoft Windows/UNIX/Linux Server architecture for Bally Technologies worldwide enterprise network. Specific responsibilities: developing, implementing, and supporting the systems architecture offering scalable, high performing, fault tolerant, secure operation in the data center.
* Manages a VMware ESX 5.1 site with over 800 virtual machines in production and development arenas.
* Subject Matter Expert for the conversion of Windows/Linux physical servers to VMware Virtual Machines saving the company over $100K in hardware maintenance and support contract renewal costs.
* Implemented Blade servers, NAS attached, to optimize performance of applications and efficiency with power and space utilization.
* Lead engineer for building and deploying Windows server 2000/2003/2008/2012 to users and developers.
* Created template for Windows 2012 server in VMware to streamline server builds for company.
* Created a Patch Management schedule for production servers to lower downtime of user applications.
* Administrator of NetApp Network Area Storage (NAS) housing over 500 Tb of storage.
* Responsible for backing up all servers in enterprise using Commvault backup software.
* Project lead for upgrading our Enterprise SharePoint environment from WSS 2.0 to MOSS 2007.
* Created training documentation to educate company users on effective use of the SharePoint environment.
* Spent countless hours running reports to find inactive sites in SharePoint to reclaim vital database space.
* Instructed training classes for Tier 1 Desktop Support technicians in SharePoint 2007 administration.
* Lead engineer in the design and architecture of a new SharePoint 2010 environment.
* Responsible for Financially Significant applications dealing with Stock Options and Contract Management
* Administers an Enterprise Microsoft SQL cluster with 6 nodes housing over 100 production databases.
* Primary engineer responsible for maintaining all UNIX/Linux production and development servers.
* Assists Network Managers with daily tasks on Cisco routers/switches throughout enterprise.
* Built Solarwinds Orion NPM server solution and assisted Network technicians in configuration of software.

2007-2008: Northrop Grumman, Defense Mission Systems

**System Administrator/Engineer for Military Weapons System Network**

* Directly built, managed, maintained, and administered 12 UNIX Solaris 8 servers, 24 Windows 2000/2003 Servers, and 360 Windows 2000 Professional workstations in a military training environment.
* Designed and built an Active Directory 2003 forest to be used for military weapons systems. Created documentation defining roles of users and groups to be built to control access to all data on the network and location of workstations on floor layout.
* Implemented a Symantec Ghost Server to ease in the build of client machines and servers.
* Built a Windows Systems Management Server 2003 site to administer all workstations on the network.
* Implemented use of Network Attached Storage (NAS) NetApp filer to centralize all data to one location with future plans of purchasing a second NetApp Filer to perform mirroring and therefore putting a disaster recovery plan into place.
* Administered radio frequency transmission systems and data link systems enabling communications between aircraft and local workstations through use of VOIP technology.
* Created VMware environment for training new sys admins on training environment set up.

2003-2007: U.S Air Force

**Classified Network** **Section Supervisor**

* Managed installation, configuration and maintenance of TS/SCI network server infrastructure and clients.
* Configured $150K server testing area mirroring live network that facilitated risk-free training, upgrade compatibility testing, and security lockdown testing.
* Recovered data from primary Exchange server which suffered fatal hardware errors. Rebuilt failed server then restored 36 GB of crucial messaging traffic.
* Planned and implemented migration from Windows 2000 Print server to new Hewlett Packard printer appliance moving 34 printers in the process and greatly increasing quality of service to customers.
* Researched and implemented tape backup solution using Veritas Backup Exec. Increased storage capacity by 200% (2 TB) and ensured more reliable consistent backups.
* Created Share Point for a 500 GB store of imagery for use with Falcon View Intel application.
* Oversaw 23 systems administrators with responsibility of maintaining and configuring Windows servers and client workstations.
* Performed routine security compliance inspections, advisor directly to United States Air Forces Europe (USAFE) Special Security Office (SSO) on network security policies.
* Used Symantec Ghost to create a standard desktop image that eased administrative strain on trying to maintain different workstation configurations. Image became standard for whole network.

2000 – 2003: U.S Air Force

**Network Core Services System Administrator**

* Responsible for administration, operation and maintenance of 30 classified and 60 unclassified network servers in a Windows NT 4.0 Server environment while providing service to over 13,000 users.
* Engineered test bed which served as a training platform for exchange, back ups, and Windows NT server administration. Also tested and implemented numerous network/system solution projects.
* Designed site server configuration and documentation. Documents were later used to bring online email/file servers that would be attached to an EMC SAN storage device.
* Maintained DNS tables to ensure proper routing for email and accuracy of intranet/internet web browsing along with numerous applications that were solely reliant on proper host entries.
* Transitioned 60 servers to new EMC SAN storage device with minimal mission impact gaining a total of 35 TB to be divided between servers that were mirrored to off site location for disaster recovery.
* Managed 26 Microsoft Exchange 5.5 servers including 4 at off site locations performing routine maintenance, database management, performance tuning, and auditing.

**CLEARANCE**

* TOP SECRET/SCI Security Clearance valid thru 2013

**CERTIFICATIONS**

* Microsoft Certified Professional (MCSE 2003 Core 4 Certifications)
  + Managing and Maintaining Server 2003 Environment (70-290)
  + Implementing, Managing, and Maintaining Server 2003 Network Infrastructure (70-291)
  + Planning and Maintaining Server 2003 Network Infrastructure (70-293)
  + Planning, Implementing, and Maintaining Server 2003 Active Directory Infrastructure (70-294)
  + Installing, Configuring, and Administering Microsoft Windows XP Professional (70-270)

**EDUCATION AND TRAINING**

* University of Phoenix, Bachelor of Science in Information Technology; January 2016
* System Center Configuration Manager 2007 R3; 40 hours; February 2012
* Microsoft Office SharePoint Server 2011 Administration; 40 hours; June 2011
* Windows Server 2008 Server; 40 hour course; September 2010
* Microsoft Exchange Server 2010; 40 hour course; April 2010
* Microsoft Office Sharepoint Server 2007 Implementation; 40 hour course; February 2010
* Microsoft SQL Server 2000 System Administration; 40 hour course; April 2005
* U.S. Air Force Information Assurance Officer (IAO) Course; 16 hour course; February 2005
* Network Appliance; Network Area Storage (NAS) Equipment course; June 2004
* Basic UNIX administration course; 32 hours course; June 2004
* Windows Server 2000; 40 hour course; May 2004
* U.S. Air Force Advanced Communications Computer Systems Operations Specialist; April 2004
* Windows Exchange 2003 Server; 40 hour course; March 2004
* Lightweight Directory Access Protocol (LDAP) Course; 40 hours; February 2004
* U.S. Air Force Training Course; how to teach others; 16 hour course; October 2003
* U.S. Air Force Apprentice Communications Computer Systems Operations Specialist; Sept 2000
* U.S. Air Force Airman Leadership School; 6 week course; May 2000