# Contact

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# Objective

A highly adaptable System Engineer with 7 years of experience in different Linux Distributions and Virtualization Tools and Technologies. Experienced track record provides the client with well Informative System Administration, Guidance and Technical Support.

# Education

Masters in Computer Engineering – Stratford University

# Certifications

* LPI Certified Professional – (Level 3)
* SuSE Certified Linux Administrator 11

# Summary

* Expertise in Implementation of Virtualization solution using VMware ESXi Server, ESXi Cluster, Virtual Center Server & VM standalone Converter.
* Experienced Red Hat Enterprise Linux (RHEL), SuSE Linux Enterprise Server (SLES), Oracle Enterprise Linux (OEL), CentOS, Ubuntu, HP-UX and VMware System Administrator with Telephony based Technical Support to assist and provide clients with the best possible uptime and to reliable and accurate communication to get tasks completed.
* Expertise in deploy various Linux builds both Physical and Virtual on HP/IBM/Dell Hardware running ESXi.
* Expertise in design, build/configure documentation related to Linux to assist other members in the team.
* Expertise in Security hardening (iptables/selinux) in major Production Servers.
* Proficient in providing support for Linux Servers on Operating System level and Application Level.
* Experience in deploying several sets of Linux guest builds from VMware Templates and using PowerCLI to further guest customize the build.
* Proficient in working with various Middleware/DBA groups in the organization to test open source technologies and analyzing the open source technology to verify and configure the technology for customers business needs.
* Expertise in working with MySQL/Oracle databases, Apache Webserver, WebSphere and JBoss Application Servers.
* Troubleshooting any performance or configuration issues with MySQL/Oracle.
* Expertise in hardening Linux Server and Compiling, Building and installing LAMP.
* Proficient in all aspects of Red Hat Enterprise Linux (RHEL, Oracle Enterprise Linux (OEL), SuSE Linux Enterprise Server (SLES), CentOS, Ubuntu from Installing, Configuring Hardware, and Customizing Applications using the latest technologies available to design fully automated systems.
* Experience writing bash shell scripts to automate day to day tasks using cron.
* Expertise in management and support of HP blade management using Onboard Administrator and ILO.
* Managed Enterprise Infrastructure environment in 24x7 operation mode.
* Good experience in configuring & troubleshooting Network (TCP/IP) issue, NFS, NIS & SSH services.
* Knowledge in WAN network & configuring CISCO Routers & Switches.
* Involved in Process & Quality management process and providing rich experience in handling & mentoring the team.
* Performed diagnostic on system operation to identify problem and trends.
* Extensive experience in implementation and configuration of monitoring tools such as Nagios and Solarwind.

# Technical Skills

| **Server Hardware** | HP Proliant DL385-G6, DL 585 G6/G7, BL 460 G6/7/8, HP C-7000, Dell Power Edge Servers R-900 |
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| **Virtualization** | VMware 4/5 ESXi / vSphere & Configuring DRS, VCB, HA, vMotion & P2V. |
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| **Operating Systems** | Red Hat Enterprise Linux 5/6/7, SuSE Linux Enterprise Server 11/12, Oracle Enterprise Linux 5/6/7, CentOS 5/6/7, Ubuntu 12/14, AIX 4/5, HP-UX, Windows Server 08/12 |
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| **Storage Hardware** | EMC VNX 5500, CLARiiON FC and CX series, JBOD, Brocade FC Switches, NetApp Filers, Qlogic CAN and Emulex FC HBAs. HP P4800 |
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| **System Management** | Spacewalk, Red Hat Satellite, SuSE Manager |
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| **Configuration Management** | Puppet |
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| **High Availability** | Red Hat Cluster Suite, Microsoft Cluster Suite, VMware HA |
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| **Network Services** | DNS, DHCP, NIS, NFS, SAMBA, NAS, FTP, ISCSI |
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| **Web/App Servers** | IHS, Apache, IIS, Tomcat, WebSphere |
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| **Scripting** | Shell, Bash and C. |
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| **Databases** | MySQL, Oracle |
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| **Monitoring** | Nagios, Solarwind, WhatsUp Gold |
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| **Backup** | Backup Exec & Linux backup scripts, Symantec NetBackup, Commvault |
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# Experience

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| **Wisconsin, Department of Children and Families *Dec’11 to Present***  Server Administrator |
| * Installed and configured several RHEL 5/6, SLES 11/12 and CentOS 6 nodes in both Physical Blade and VMware ESXi Virtual Environment. * Installed and configured puppet in all environments (Development, QA, Staging and Production). * Setup puppet to deploy Tomcat for single and multiple instances including JVM and environment based settings. * Created modules, manifests, classes and templates to automate the common tasks with puppet. * Configured Red Hat Cluster Nodes for any legacy applications and verified the daily health check on the Cluster Nodes. * Enabled AD based authentication in Linux servers with Kerberos, winbind, and samba. * Responsible for binding any new LUNs and configuring storage groups using HP Insight Software on HP EVA P6000 Platform. * Install and configure LAMP Servers for Drupal * Create and configure LVM based EXT3 and OCFS2 based Cluster file systems on SAN LUNS utilizing Multipath to assist redundant path detection and increase I/O stability. * Responsible for oracle 11g database replication from site to site to maximize uptime and also an integral part of the backup and recovery. * Participating in 24x7 Production On-call Support and provided technical support to users at remote datacenters. * Provide level 1, 2, 3 supports for Physical Linux servers running on HP ProLiant BL460’s and Linux Virtual Servers running on VMware ESXi. * Configure and maintain NFS Servers for both media and data sharing between servers and resolved any shared storage server issues. * Configured SNMP traps in UNIX servers for Nagios, Solar Winds, WUG Suite to proactively monitor systems health and resource utilization. * Expertise in building development Linux/LAMP servers including webservers, MySQL and Perl based solutions to assist developers. * Monitoring and troubleshooting for any OS & Hardware related issues and analyzed system logs to determine the root cause. * Deployed various RHEL, SLES builds using a combination of VMware Templates and PowerCli. * Install Configure and Maintain, IBM WebSphere pertaining to customer’s needs. * Install and utilize open source Nagios core to monitor and maintain maximum uptime on applications running on WAS 7. * Maintain and deploy eWisacwis and related applications developed in Java using WebSphere. * Provide support to the Java development team to help develop Java based applications. * Supported WebSphere Application Server clustering, load balance and failover. * Deployed the EAR files and scripting automated deployment of the applications. * Debugged WebSphere Application Server connection pooling and connection manager with Oracle and DB2. * Configured WebSphere resources like JDBC providers, JDBC data sources, connection pooling, and Java Mail sessions. * Involved in providing migration and integration support of J2EE applications in a high availability multi clustered environments (Development, Staging, QA, Production). * Involved in providing on call support and Help Desk Services (Level I, II, III) in resolving outages for high availability applications. * Experience configuring EMULEX/QLogic mezzanine HBA on BL460c to boot from SAN to run Red Hat Enterprise Linux or ESXi as the primary Operating System. * Experience configuring Linux multipath and Linux device mapper to configure multipathed LUNs from EMC. * Responsible for replication of data utilizing EMC san copy to migrate data from one datacenter to another. * Experience writing and designing server modification and environment based BASH/Perl scripts to manage Servers. * Patch and upgrade the firmware HP blades using ILO and Onboard Administrator. * Install and upgrades Red Hat Linux OS using Virtual Media Applet in ILO. * Configure, maintain NFS, Samba Servers as per environment’s requirements. * Manage VMware infrastructure comprising of 64 ESXi hosts with RHEL, CentOS, SLES Linux & Windows OS virtual machines and 1200 VDI. * Installation, configuration & troubleshooting of VMWARE ESXi servers * ESXi server patch management * Assisted various testing groups and documenting procedures for testing and utilizing any open source tools such as MySQL, Tomcat and Nagios. * Management of Virtual Center server and provided non Administrative accounts to other groups in the organization. * Experience in Creating VM templates & Managing Virtual machine deployments. * Migrated existing physical server to virtual m/c with P2V tool using hot cloning method. * Manage and grow Ethernet networks and fiber-channel networks in fully redundant layout. * Configuring & monitoring Resource Pool for projects. * Implemented ESXi technologies like DRS, HA & vMotion for high availability. * Patch management of servers & maintaining server’s environment in Dev/QA/Staging & Production. * Maintain ESXi server & virtual machine environment and requested Storage LUN’s for configuring the datastore's and volumes as required in VMware vSphere. * Create and maintain system log server for different Linux distributions. * Resolving assigned Remedy Tickets & Remedy tools in Dev/QA/Staging & Production. |
| **Aon Insurance, Northbrook, IL  *Jun’09 to Sep ’11***  Linux Administrator |
| * Built development Linux/LAMP servers including Webservers, MySQL and Perl based solution to assist developers. * Installed RHEL directly on HP DL585/385 G5 Rack mount servers using PXE boot and ILO. * Analyzed while troubleshooting and resolving problems involving operating system issues, application issues, web site issues, etc. * Installed physical hardware including any HBA and modified any kernel parameters to tune the hardware as per the vendor’s request. * Setup and configured audit logs for audit purposes containing trailing logs. * Supported a medium-sized VMware virtual infrastructure and provided support as an IT service on 24x7 basis. * Installed and updated ESX 3.5 and did beta testing of ESX 4.0 and vSphere. * Utilized Nagios based Open Source monitoring tools to monitor Linux Cluster nodes configured using Red Hat Cluster Suite. * Mentored, trained team members and documented change process & maintenance activities in SharePoint change management system. |