**Manoj**

**OBJECTIVE**

Seeking achallenging Contract positionin Networking where I can contribute my technical experience and develop professionally.

**SUMMARY**

* Over 7 years of experience on various flavors of UNIX (Solaris, Red Hat Linux, SUSE, HP - UX and AIX).
* Experience in System Administration, System Builds, Server builds, Installs, Upgrades, Patches, Migration, Troubleshooting, Security, Backup, Disaster Recovery, Performance Monitoring and Fine-tuning on UNIX (SUN Solaris, Red Hat Linux) Systems.
* Installation and configuration of Oracle RAC 11g on Solaris, AIX and RedHat cluster nodes.
* Experience in Designing & Creating Domains on M3000, M5000 servers created LDoms on T2000, T5220 and T5440 servers.
* Experience in Security Hardening in Unix, Linux and Windows servers.
* Experience in ILO Administration.
* Experience in using various network protocols like HTTP, UDP, POP, FTP, TCP/IP, and SMTP.
* Sound knowledge on VERITAS Cluster Server, Veritas File System and VERITAS Volume manager.
* Extensively worked on solaris 10 containers, Zones for Virtualization.
* Helped to establish standards, policies and procedures for all aspects of UNIX server environment (e.g., configuration, administration, documentation, etc.)
* Experience in Server build using Jumpstart, flash archive, NIM, Ignite and kickstart, Strong working knowledge of scripting and programming PERL and SHELL.
* Proficient DB administration (Oracle, DB2, Sybase and SQL) knowledge for maintaining, pruning, and performing required DB tasks.
* Experience in installation and configuration of Websphere, Apache, JBoss, and IPlanet, BEA WebLogic, LDAP, and mail servers.
* Installed, configured and implemented the RAID 0/1/5 volume management using Veritas Volume manager […] and Solstice Disk Suite (SVM) on Solaris. Also Experienced in Veritas file system (3.x, 4.x, 5.0), Veritas Net Backup (4.x, 5.x, 6.x) for disk management and mirroring tasks.
* Proficient in shell scripting (Ksh/Csh/bash/Sed/Awk), PERL, Java Scripts for Oracle and Java Applications and XML.
* Experience using diagnostic and debugging tools such as Dtrace, Strace, truss, Top, OS tools, Bladelogic, BMC Patrol, BMC best1, Legato networker (client side), Solaris Management Console and HP Insight Manager.
* Experience in installing, configuring, supporting and troubleshooting Unix/Linux Networking services and protocols like NIS, NIS+, LDAP, DNS, NFS, DHCP, NAS, FTP, SSH and SAMBA.
* Proficient in System Backup and Recovery from tapes using ufsdump, ufsrestore, tar and cpio.
* Independent problem solving and a good team player with strong interpersonal and communication skills.
* Experience in installing, configuring and maintainingWebSphere Application Server.
* Experience supporting 24x7 production computing environments. Experience providing on-call and weekend support.

**HARWARE**

All HP, IBM and Dell laptops and business PC’s

HP Servers – 300 and 500 series

IBM Servers

Cisco 6513 Router

Cisco ASA 5505 & 5510 Firewall

Cisco Switches

3Com Switches

Cisco and Belkin Wireless Routers, Access Points, and Network Adapters.

Voice, Data and Fiber Cabling

**PROGRAMMING AND SOFTWARE SKILLS**

**Operating Systems:**

Linux (Red Hat 4/5/6, OEL& SUSE), Solaris […] HP-UX 11.0, 11.11, 11.23, 11.31, SLES 10, 11& 12, CentOS, AIX, VMware ESXI.

**Hardware:**  
Cloud (AWS, Amazon EC2, Openstack), Cisco UCS C200, C250, Sun Fire […] Sun Enterprise 10000, Sun Fire F15K, Sun Fire 25K, […] Ultra Enterprise […] SPARC sun4c/sun4u, Ultra […] PE Dell R410,R 610,860 Intel Based PC, StorageTek SD-3 tape drive,TL2000, TL4000, Serial I/O devices, Emulex, QLogic and JNIC HBAs and SCSI controller , SAS , SATA drives, HP C6000, C7000, rp3440, rx3660. 

**Database**:

Oracle 10 xs, Sybase ASE 12.5, MySQL 5.0.2, SQL Server 2005, IBM DB2, Hadoop

**Networking**:

TCP/IP, NIS, NFS, DNS, DHCP, Cisco Routers/Switches, WAN, SMTP, LAN, FTP/TFTP, Putty, Bind.

**Datacenter Virtualization**:   
Maintained VMware ESX 3.x and VSphere 4.x/5.x solutions in multiples Datacenters with Hosts, clusters, Virtual machines   
Desktops VDI, VMware the Capacity Planning, Platespin Migrate, Platespin Recon and Platespin protect   
Familiar with Hyper-V &XenServer as well other linux Virtualization initiatives 

**Programming Languages& Tools**:

C, JAVA, C# .NET, UNIX Shell Scripting, Perl Scripting, Python, HTML, Perl, VB, Ruby, Puppet, Spacewalk and SQL Developer

**Web Technologies**:   
Tomcat, APACHE 2.x, 3.x, F5 Load Balancers, Web Logic (8/9/10) & Web Sphere 4.0/5.0, Netscape/iPlanet Server, MQSeries, Cluster server 3.5 & 4.1, Sun Cluster 2.x & 3.x, Nagios   
 Protocols:

TCP/IP, UDP RIP, OSPF, EIGRP, IGRP, SNMP, SMTP, TELNET 

**File Systems**:

UFS, VxFS, ZFS, ext., ext2, ReFS, Xenvirtualization, VERITAS Volume Manager 3.5.

**PROFESSIONAL EXPERIENCE**

**Linux/Unix Administrator Sept, 2013 – Present**

**Symphony Services, Folsom, CA**

* Installation, Configuration of Linux, Solaris operating systems on different hardware and virtual environments.
* Installation and configuration of Redhat virtual servers using ESXi 4/5 and Solaris servers (LDOMS) using scripts and Ops Center.
* Working with VERITAS Volume Manager 3.5 and Logical Volume Manager for file system management, data backup and recovery.
* Responsible for large-scale Puppet implementation and maintenance. Puppet manifests creation, testing and implementation.
* Experience in LDOM's and Creating sparse root and whole root zones and administered the zones for Web, Application and Database servers and worked on SMF on Solaris 10.
* Resolving production issues/tickets by using ticketing tool.
* Experience working in AWS Cloud Environment like EC2 & EBS.
* Installed and configured Apache on Linux and Solaris and configured Virtual hosts and applied SSL certificates.
* Configured and maintained System Security using IPTABLES and TCPWRAPPERS in LINUX.
* Worked with Opsware and Red Hat Satellite server to deploy Linux servers.
* Implemented Kickstart in Redhat environments.
* Network Configuration on ESX servers which include Bonds & VLANs. Perform activities like scheduling of backups and system security.
* Experience on hot and cold clone process.
* Administration of VMware Virtual Center and virtualization services VMware DRS, VMware HA, VMotion and SVMotion.
* Implemented SUDO, SSH and other security tools.
* Configuration and Installation of JBOSS 5.x on Linux servers.
* Installation/Activation of F5 Load balancers, configure routing logic, creation of new service pools, members, virtual servers etc.,
* Installed JON Agent and configured dashboards, alerts for JVM monitoring.
* Performance tuning of VMware servers, Virtual sessions and management of servers resources between Virtual Machines.
* Managing DNS, NIS servers and troubleshooting the servers.
* Troubleshooting application issues on Apache web servers and also database servers running on Linux and Solaris.
* Experience working on LDAP user accounts and configuring Ldap on client machines.
* Experience supporting middle ware servers running Apache, Tomcat and Java applications.
* Troubleshooting and performance tuning issues with Oracle 10g on RHEL.

**Linux/AIX System Administrator Aug 2009 – SEPT,2013**

**LA County, Los Angeles, CA**

* Installation, configuration & administration of RHEL 5.x/ 6.x & AIX 5.1/5.2/5.3 servers.
* Experience in administering IBM P550, P570 and P590, and HP server’s.
* Actively involved in planning and design sessions migrating Unix/Linux/Windows servers from DMX to VMAX platform using appropriate methodologies using Open Replicator/SRDF/Open Migrator depending on the requirements.
* Knowledge on build technologies like Puppet, Jenkins, which are automation tools.
* Experienced in AWS, setting up of EC2 instance with LAMP.
* Implemented and administered VM Ware ESX 3.5 and 4.1‬.
* Active participation in planning and implementation of kernel patches and Java Upgrades.
* Configured Bonding in Linux and Ether-channel in AIX.
* Proactive maintenance on systems by timely upgrading Patches to the systems and applications, Scheduling of batch jobs and cron jobs.
* Performed system-monitoring tools like TOPAS, SAR, VMSTAT, IOSTAT to report systems usage and performance.
* Installed/ upgraded patches, firmware (OBP), and security (Kernel) patches for all applications in installed infrastructure.
* Monitoring the File System, CPU load for better Performance and system performance parameters using iostat, vmstat and prstat.
* Performed systems monitoring, upgrades, performance tuning and backup and recovery.
* Experience with running SQL queries on Oracle and MySQL.
* Deploying Veritas Clusters and Oracle test databases to implement disaster recovery strategies, ensuring uninterrupted availability of the global systems.
* Korn programming, Shell Programming, Python, ruby for day to day system administration.
* Experience in BIOS UPGRADE and OS installations and configurations and maintenance.
* NIS, NFS, AUTOFS, NTP Configuration and Administration.
* Provided 24x7 on-call / Remote Support for UNIX Production Problems on weekly rotation basis.
* Troubleshooting day-to-day server related issues and problems.

**EDUCATION**

* **Bachelor of Engineering in Electronics and Communication**

Visvesvaraya Technological University (VTU), India