**xxx xxx Email:**

**Linux /DevOps Engineer Phone: +1 469**

***SUMMARY***

8+ years of IT experience in large-scale enterprise support. Proficient in all aspects of Server computing Infrastructure Management and automation.

* Experience in Installation, configuration, and System Administration with Linux (RHEL 8/7/6/5/), Solaris (10/9/8), HP-UX (11.x/10.x), AIX (5.x/4.x) and Windows (2013/2008/2003/2000) administration.
* Experience in building Servers using Kickstart for Linux, Jumpstart and Flash Archive for Solaris, Ignite for HP-UX and exposure to NIM for AIX installation.
* Experience in RPM Package Administration for installing, upgrading, and checking dependencies. Reconfiguring RPM database using RPM Build and creating YUM repository in Red hat Linux
* Experience in building Red Hat Network Satellite Server for automated installation of Linux boxes and creating image of Linux system with System Imager that automates Linux installs.
* Experience in installation, configuration and administration of VMware based virtual servers using ESX/ESXi servers, vSphere and Virtual Center.
* Experience in implementing and monitoring High Availability environment using VERITAS Cluster Server, Sun Cluster, Red Hat Cluster Suite and HP Service Guard.
* Experience working on DevOps environment.
* Involved in supporting Cloud Instances running Linux and Windows on AWS, experience with Elastic IP, Security Groups and Virtual Private Cloud in AWS.
* Deployed and monitored scalable infrastructure on Amazon web services (AWS) & configuration management using Puppet Modules and Manifests.
* Experience in installation and configuration of configuration management tools Puppet.
* Experience in installing, configuring and maintaining Application Servers like WebSphere and Web Logic, Web Servers like Apache HTTP and Tomcat on UNIX and Linux.
* Performing software installation, upgrades/patches/packages, troubleshooting, and maintenance on UNIX & Linux Servers.
* Experience in User & Security administration, multiple backup & recovery technologies (Snapshots, Disaster Recovery plan) and maintenance of various activities.
* Experience on Live Upgrade, migrating from UFS root file system to ZFS file root system in Solaris.
* Involved in Data Center Migration for P2P, V2V and P2V environments.
* Extensive experience in Shell and knowledge of HTML, Java Scripts, SQL, Perl Scripting.
* Administering operating systems, hardware, and peripheral components, and maintain databases.
* Expertise in designing and implementing LANs, WAN services and IP Addressing schemes.
* Excellent communication, leadership, mentoring, written and problem-solving skills.
* Excellent Interpersonal and Customer Relational Skills. Proven Communication, Presentation Skills and Leadership Qualities. Good Team player with proficiency at time management, multitasking, able to meet deadlines and handle priorities.

***TECHNICAL SKILLS***

**SCM Tool** **:** GIT, SVN

**Bug Tracking & Testing Tools** **:** JIRA, Remedy, Service Now, Trello, Bugzilla, Clear Quest, JUnit

**Automation/Container :** Docker, Kubernetes

**Configuration Tools :** Ansible,Chef, Puppet

**Cloud Service :** OpenStack and Amazon Web Services (AWS), EC2, RDS, S3, ROUTE53, IAM, Cloud front, API Gateway, Lambda, Elasticsearch, Azure cloud platform

**Monitoring Tools :** Nagios, Splunk, OEM, OP5, Sysdig

**Scripting Languages :** Shell Scripting, Perl, Ruby, and Python

**Operating Systems :** Red Hat Linux 7/6/5/4/3 Solaris 10/9/8, HP-UX 11.31, 11.23, 11.11, 11.0, IBM AIX 5.x/4.3, Windows 2000/2003/2013/NT.

**Database :** SQL, MySQL, Mongo Db, Cassandra DB

**Hardware :** SUN SPARC Enterprise- M5000/4000, ST2540 M2, SUNFIRE X4270 M2/X4170 M2, M-Series Servers, HP Proliant DL 380/360 G6, G5, p3440/rp7440/rp 8440 , HP 9000 series (9020, 9030, 9040, etc), P9500, P2000, SUN StorageTek Tape Auto Loaders SL48/SL24, IBM R6000 /S80 / M80 / H70 / H50 Series server and p Series, HP/Dell PowerEdge series/IBM/Sun Blade Servers, Fire T5240, DL3xx ,DL5xx, DL 4xx

***PROFESSIONAL EXPERIENCE***

**, Houston, TX Feb 2020 - Present**

**UNIX/DevOps Engineer**

* DevOps Engineer for a team that involved in management of different applications and multiple simultaneous software releases.
* Designing and implementing fully automated server build management, monitoring and deployment by Using Technologies like Splunk, Shell scripts, GIT, Puppet.
* Expertise in Installation, Configuration, administration, troubleshooting and maintenance of VMware platform. Performed capacity analysis of existing physical production environment using VMware vCenter Operations Manager.
* Increase team productivity by automating daily manual operations, test engineering tasks using Python, shell scripts.
* Used Nagios and Splunk for monitoring and logging of different application logs.
* Performed quarterly patching for both Linux and HPUX servers and troubleshot the issues occurred after patching.
* Configured Ignite servers and experienced in patching HPUX servers and ILOs. Well versed in configuring RAID levels 5 and 10 using hpcucli utility.
* Proficient in System software Installation, configuration and administration on Linux and HPUX servers.
* Working as System architect to bring physical servers to production support.
* Involved in new Server Builds with project requirements - RHEL 5/6/7 servers installed, configured packages, patches, update Kernel parameters as per Application team requirements. Supported all versions of HPUX servers as well.
* Troubleshoot and resolve complex hardware, OS, database applications and networking problems.
* Performed branching, tagging, release activities utilizing version control tool GIT (GitHub)
* Participate in Sprint Planning, Daily Scrum Stand-Up, and Review meeting. Extensively used Jira and Kanban boards for workflow visualization in agile development.
* Launching and configuring of Amazon EC2 Cloud Servers using AMI’s (Linux/Ubuntu)
* Responsible to build Public Cloud Environment (Amazon AWS, Terre mark and Rack space) instances and to manage Firewall and Load balancing between various servers.
* Involved in supporting Cloud Instances running Linux and Windows on AWS, experience with Elastic IP, Security Groups and Virtual Private Cloud in AWS.
* Deployed and monitored scalable infrastructure on Amazon web services (AWS) & configuration management using Puppet Modules and Manifests.
* Troubleshot Linux network, security related issues, capturing packets using tools such as IP tables
* Worked with Network Attached Storage devices and RAID technology
* Experienced in Jira in issue tracking, project management, Change Management and Release Management.
* Performed daily system monitoring, verifying the integrity and availability of all hardware, server resources, systems and key processes, reviewing system and application logs
* Contribute to create and maintain monitoring technologies and processes that improve the visibility to the applications performance, business metrics and keep operational workload reasonable using Nagios, Splunk, Grafana.
* Experience in compiling and deploying the different applications (JBoss, Apache, Tomcat, etc.) on different Linux and Windows servers through DevOps pipeline which includes Puppet.
* Participate On-Call rotation in production to support after-hours maintenance, monitoring, and escalating issues.

**Environment and Tools:**

Linux (CentOS), HP-UX, Git, Puppet, Docker, Kubernetes, VMware, Apache, Nginx, HAProxy, Redis, Grafana, Sysdig, Telegraf, OP5, Splunk, Jira, Service Now, Confluence, Bash, Python, MongoDB, AWS.

**GE Solutions, Inc., Chicago, IL Jan 2018 – Feb 2020**

**UNIX/Linux Administrator**

* Administered +1500 Red Hat Linux servers 5/6 Supporting, Sun Solaris 9/10 both production and Disaster Recovery servers.
* Configuring & Administrating ZFS pool.
* Performed quarterly patching for both Linux and Solaris servers.
* Working as System architect to bring physical servers to production support.
* Worked on creating Oracle ASM disks for new build servers.
* Worked on Chef and HPSA server configuration tools.
* Involved in installation, configuration of Apache Web server, BEA Web Logic and IBM Web sphere and Oracle UNIX, Linux environment
* Involved in new Server Builds with project requirements - RHEL 5/6 servers installed, configured packages, patches, update Kernel parameters as per Application team requirements.
* Resolving end-user issues, recovery of SOLARIS servers, providing RCA for an unscheduled outage. Good exposure troubleshooting Hardware and Operating system related issues.
* Involves in Patch management, change management, Business Continuity Planning and Vendor relationship management,
* Troubleshoot and resolve complex hardware, OS, database applications and networking problems

**Environment: Solaris** 9/10, RHEL4/5/6, Sun Fire v480, Sun Fire 6900, M5000, T2000, T5140, Netra X1, X4140, X4170 SPARC T-4 6800/4800/480, IBM x3550, x3650 M3, X4600, IBM series 670, p5 595, series,

**, Dallas, TX April 2016 – Nov 2017**

**Linux Administrator**

* Administered 1200+ servers running Red hat Linux 4/5/6, Sun Solaris 9/10/11 and Virtual machines hosted on vSphere 5.0
* Worked on large authentication migration from local NIS to Active Directory/LDAP using DELL enterprise software Vintella for 4000+ Red Hat Linux 5.x and 6.x servers
* Installed and configured Red Hat Linux, Solaris operating system using kickstart, Jumpstart servers and hardware
* VMWARE guest host operating system installation Virtual Machine server provisioning post configuration of virtual machine
* Experience on various VERITAS suite of products on RHEL 5,6 and Solaris 9,10,11
* Experience working on Logical Volume Management (LVM) administration on Linux. Created VGs, LVs, PVs and disk mirroring.
* Converted Linux systems from local password authentication to Active Directory/LDAP
* Administered Zones on **Solaris 10** **Solaris zones (containers)** using utilities Zonecfg, Zoneadm etc.
* Upgraded firmware on Oracle /SUN and IBM hardware such as X4140, M5000,
* Debugging issues that are affecting the environment and understanding the root cause and identify a solution.
* Extensively worked in data and database migration from older machine to latest configurations.
* Configured IPMP, NIC Bonding and Storage Multipathing
* Troubleshooting various problems, logging call with vendors – Oracle, Symantec, Red Hat
* Fixing the hardware failures by coordinating with management and vendors for an uninterruptible delivery
* Monitor performance and resource utilization of key systems and provide ongoing trend analysis for forecasting future resource requirements.
* Administering operating systems, hardware, and peripheral components, and maintain databases. – Replaced faulty – Disk, Power supply, CPU Fan, HBA cards.
* Debugging issues that are affecting the environment and understanding the root cause and identify a solution
* Fixing the hardware failures by coordinating with management and vendors for an uninterruptible delivery

**Environment: Solaris** 9/10, RHEL4/5/6, SunFire v480, SunFire 6900, M5000, T2000, T5140, Netra X1, X4140, X4170 SPARC T-4 6800/4800/480, IBM x3550, x3650 M3, X4600, IBM series 670, p5 595, series, IBM Blade Servers HS20, HS21.

**Hindustan Tools Pvt Ltd. July 2014 – Aug 2015**

**Linux/Solaris Administrator (Hyderabad-India)**

* Managed 1900+ servers located in South America using remote tools.
* Experience installation RHEL OS and configured required network on HPC cluster.
* Installation, Configuration & Upgrade of Solaris, AIX, HP-UX, Linux (Red hat and SuSE) operating system.
* Installation, Configuration & Trouble Shooting of VXVM under sun Solaris 8, HP-UX
* Managed HPC cluster, performed hardware, BIOS and application upgrade.
* Configured and managed Apache web server and Managed software and hardware RAID systems.
* Managed System Firewall utilizing IP Chains, IP Tables.
* Managing (adding/removing) disks partitions.
* Administration and maintenance of WAS ND clusters (vertical, horizontal) and deployment of applications in highly available, load balanced production environments.
* Developed web service integration layer for Web Sphere Portal. Install and configure Web Sphere Portal on AIX, UNIX and Windows.
* Experienced in working with Network Engineers to install, manage, and configure NAS based storage and insure overall system and network security.
* Perform auditing on UNIX/Linux Servers for security compliance and monitoring.
* Worked on Server commission and Decommission
* Monitoring the System Performance and tuning the kernel to enhance system performance.
* Worked on Backup issues and resolving as required.
* Job Scheduling and Automating process using CRON
* Worked on Citrix environment user management.
* Monitoring system logs and the root's email for important messages such as errors and warnings or hardware fail errors.
* Worked on tickets troubleshoot, administer and performance tune AIX 5.1, Solaris 6,7 and 8, Red Hat Linux 4, 5.
* Setup and configured network TCP/IP on AIX including RPC connectivity for NFS. Created mount points for Server directories and mounted these directories on AIX Servers.
* Configured and administrated LPARs. Installation of patches and other software packages
* Configuration of NIS, NIS+, DNS, NFS, Send mail, Samba, Apache for multiple environments.
* Setup and maintained DNS Primary, Secondary, Cache-only servers, DHCP servers and DNS clients.

***EDUCATION***

* Bachelor of Technology in Computer Science, Hyderabad, JNTU