



AJAY KUMAR SAGGU RENUKA

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Summary:

- Around 18 plus years of experience as **Cloud, Virtualization, Linux** Engineer & Administration in various industries on mission critical Enterprise Networks and Multi-server environments, seeking a challenging and innovative position in a heterogeneous AWS/Unix/Linux Systems environment.
- Experience in **implementation of OpenStack (Nova, Neutron, Cinder, Glance, Horizon, Heat, Trove, Magnum), Helm, Microsoft Azure (Blob, CDN, AKS, ACR, LB, Data Factory, Key Vault) AWS Cloud technologies (EC2, S3, VPC, EKS, Auto Scaling, Elastic Beanstalk, ELB, Route 53)**
- Experience in Administration, implementation and support of OEL/CentOS **Rocky Linux 9/8, RedHat/CentOS 9, 8.x, 7, SuSE 12, 11, OEL 7.x 6.x, Windows 2022, 2016.**
- Excellent experience and knowledge with designing installing and implementing **VMware vCenter 8.x & 7.x, ESXi servers**, setting up V-Motion, HA, DRS, and VMware products such as VMware converter, SRM, vCenter Configuration Manager, VMware Horizon view and VM Backup products
- Worked with various **HP Server such as BL 460c G6, BL 460c G1, BL 460c G5, DL 385, DL 380, DL 165, DL 145, DL 140** and Sun Entry level servers like **Sun Fire V240, V245, V280, V440**, Midrange servers like **Sun Fire V480, V880, V490** & on Sun Fire 6800. Working knowledge on IBM pseries like p570, p550.
- Worked with **Storage Area Networks (SAN)** for Server Storage
- Worked with **KVM, VSphere Client, VMware workstation, Active Directory, RPM, LVM, NFS, Satellite server, PXE Server, SNMP, SMTP, DNS, DHCP Server, Samba and LDAP** client-server model to retrieve and update data.
- Experience of Creation and Validation of **Business Continuity Planning (BCP)** with a good strategic plan for any disaster.
- Implementation of Automation in **Jenkins, Docker, Puppet** in AWS cloud
- Sound understanding of IT Infrastructure Administration with **Project & Change management skills.**
- Experience of working in Data centers with **24X7** Production and On-Call Environments, helpdesk management, desktop pc support & troubleshooting.
- Excellent communication & interpersonal skills. Proven strength in troubleshooting, problem solving, coordination, analysis and a proven track record of success.
- A good team player with ability to lead a team by example and motivate them to achieve desired objectives. Willing to take on extra responsibilities to get work done.

Education:

- Bachelor of Technology from India.
- Master's in Computer Science from USA.



Certifications:

- Certified Kubernetes Administrator (CKA)
- Terraform – Certified Associate
- AWS Certified Solutions Architect – Associate
- AWS Certified SysOps Administrator - Associate
- Red Hat OpenStack Administrator v4.0
- RHCE v7, v6, v5
- Red Hat Certified Specialist in Ansible Automation.
- VMware Certified Professional (VCP) vSphere 5 (VCP5)
- ITIL v3 Foundation Certificate in IT Service Management

Professional Summary:

Client : Zeta Interactive, New York, NY

Jan '16 to Apr '24

Position: DevOps/Cloud Lead

Responsibilities:

- Responsible for creating road maps for current and future projects for requirement & technical specification.
- Lead and coordinated with many teams for around 4 migration projects after acquisitions.
- Lead technical calls on outages till the issue is completely resolved.
- Reviewing the CIP (Change Implementation Plans) thoroughly, analyzing the risks and Impact of the changes further and approving the major changes if suitable & monitor till the changes are implemented till closure.
- Worked in CI/CD development (Circle CI or GitHub Actions) with **Continuous Integration** tools like **Git, AWS CLI, Infrastructure as Code (IaC), Jenkins & Automation** tools including **Ansible Tower & Puppet Enterprise, Saltstack.**
- Implemented and worked on DevOps tools & technologies including but not limited to **Azure AKS, Gitlab, RedHat OpenShift, Kubernetes, Dockers, Containers, Helm charts, AgroCD, Prometheus, Istio, Nginx, Terraform, NewRelic APM.**
- Worked in-depth in **OpenStack on Kubernetes, Ceph, Microsoft Azure, AWS Cloud Technologies & Container Services, AKS, ACR, Data Factory, Automation of EC2, Block Blob, AWS ECS, EKS, S3, VPC, SQS, Opsworks, Cloud Front, Auto Scaling, Elastic Beanstalk, IAM and Cloud Formation, CDN/Akamai, Elastic Load Balancer.**
- Extensively worked & documented **Ansible/Saltstack** for upgrades.
- Upgraded and Configured **Rocky Linux 9/8, RedHat Enterprise Linux/CentOS 9.x, 8.x, 7.x** on **HP Blade servers & VM's** using **HP Onboard Administrator, using kickstart installation, HP Blade firmware upgrades.**



- Worked with Infoblox, JIRA, Device42, EMC VNX Celerra, YAML, RUST, Bash, Python scripting

Client : Self Employed

Jul '14 to Jan' 16

Position: Free Lancer/Consultant/Trainer

Responsibilities:

Worked as Freelancer, Consultant & Trainer (India & USA) on Cloud Technologies including Linux, Amazon Web Services, Microsoft Azure, OpenStack, VMWare, Puppet, Docker, Nagios, Jenkins and DevOps.

Client : Hewlett Packard, Doha, Qatar

Feb '14 to May' 14

Position: Team Lead/Sr. System Engineer

Responsibilities:

- Installed, upgraded and configured **Redhat Enterprise Linux/CentOS 7.x, 6.x, 5.x & Oracle Unbreakable Linux (OEL) 7.x, 6.x** on HP Blade servers using **HP Onboard Administrator** and using **kickstart** installation
- Worked in-depth in **AWS Cloud Technologies & Automation** of EC2, S3, VPC, CloudWatch, Cloud Front, Auto Scaling, Elastic Beanstalk, IAM and Cloud Formation, Elastic Load Balancer.
- Implemented automation in **AWS Cloud with Puppet, Jenkins**
- Supported in implementing **Apache Web servers, Nginx & WebLogic**.
- Installed & implemented of **Nagios (Server & Client)** to monitor servers.
- Extensively worked on implementing the **RedHat Satellite server** for updates
- Worked in setting up a **PXE boot server**
- Worked on **DNS, DHCP, YUM, Git** configuration
- Worked with **Symantec NetBackup 7.x**

Environment:

AWS, EC2, S3, VPC, IAM, AMI, **Puppet 3.x, 2.8, Docker, Jenkins**, Load Balancing, Apache, HP Blade servers DL 385 G1, G5, G6, DL 360, DL 165, DL 145, DL 140, Redhat Enterprise Linux/CentOS 7.x ,6.x, Redhat Cluster Suite, KVM, VMware vSphere, LDAP, DNS, Bash, Shell, Perl, Oracle 10g, 11g.

Client : iGrid Technology Solutions, Hyderabad

Feb '12 to Jan' 14

Position: Sr. System Engineer

Responsibilities:

- Worked in various client places in **Dubai**.
- Installed, upgraded and configured **Redhat Enterprise Linux 6.x HP Blade servers** using **HP Onboard Administrator** and using **kickstart** installation



- Worked with **Symantec NetBackup 7.5**
- Implemented Apache Web servers with **Load Balancing** technologies.
- Worked on POC & **KVM virtualization installs on RHEL & CentOS**
- Extensively worked on implementing the **Satellite server** for updates
- Worked in setting up a **PXE boot server**
- Worked on **DNS, DHCP, YUM, Git** configuration
- Excellent experience and knowledge with designing installing and implementing **VMware ESX server, VMware virtual center**, setting up **V-Motion, HA, DRS**, and related VMware products such as VM Workstation, VMware converter VM Backup products and other products for virtualization

Environment:

Redhat Enterprise Linux/CentOS 6.x ,5.x, Redhat Cluster Suite, KVM, VMware vSphere, LDAP, DNS, Bash, Shell, Perl, AWS, EC2, S3, VPC, IAM, AMI, **Puppet 3.x**, Puppet Dashboard, Load Balancing, WebLogic, Apache, HP Blade servers DL 385 G1, G5, G6, DL 360, DL 165, DL 145, DL 140, Oracle 11g.

Client : Standard Chartered Bank, Singapore

Jul '11 to Jan '12

Position: Sr. Linux System Engineer / Environment Analyst

Responsibilities:

- Installed, upgraded and configured **Redhat Enterprise Linux/CentOS 6.0, 5.x** using **kickstart installation, PXE** and on HP Servers
- Extensively worked on **Active Directory 2008**
- Worked in setting up a **PXE boot server, Satellite server** for install and updates
- Worked newly with **KVM Virtualization with RHEL 5.x & 6**
- Supporting applications for booking **FOREX TRADE** which includes complete life cycle of a trade.
- Worked on trade booking tools like **TViewer, Risk Viewer, Trade Blotter, and Application Viewer**.
- Also booked **FOREX Trade** to confirm all the applications are absolutely working for Development and Test Teams.
- Implementing **Puppet** for monitoring & pushing of packages & important files.
- Plan and Deploying assigned projects, change management, on-call support, and hotline bridge participation.
- Installed **Oracle 10g, 11g** in Redhat and worked extensively with **Oracle Unbreakable Linux 5.2/5.3** and configured **Redhat Cluster**
- Worked on building and supporting various environments ranging from POC, SIT, UAT, PROD, DR, and DEV.



- Worked with vSphere client to install the Linux OS on VM clients
- Migrating Linux boxes from **Redhat 5.2** to latest kernel of **Redhat 6**.

Environment:

HP Blade servers DL 385 G1, G5, G6, DL 360, DL 165, DL 145, DL 140, Windows 2008 R2 Server, **Puppet 2.7, 2.5**, Active Directory, Redhat Enterprise Linux/CentOS 6.x ,5.x, Redhat Cluster Suite, VMware vSphere client, LDAP, Oracle 10g, 11g.

Client : TIAA-CREF, Charlotte, NC
Position: Sr. Linux System Engineer

May'09 to Jun '11

Responsibilities:

- Installed, upgraded and configured **Redhat Enterprise Linux 5.3, 5.2, 5.0 & Oracle Unbreakable Linux (OEL) 5.2, 5.3** on **HP Blade servers** using **HP Onboard Administrator** and using **kickstart installation**, and installed and worked with Solaris 9 and 10 on Sun servers.
- Worked with VMware vSphere client to build Linux Virtual Machines and Extensively worked with BMC Remedy as ticketing system
- Worked on installation of **KVM** on Redhat Linux for testing purposes.
- Configured cluster server on Oracle Unbreakable Linux using **multipath**.
- Extensively worked, installed and documented on **Autosys**
- Configured the proxy for up2date which directly connects to the Oracle install Repository and personally built a local **Satellite server** for our team.
- Configured the SAN on the Physical blades
- Worked extensively with **HP OnBoard Administrator, Virtual Connect Manager** and **ILO(Integrated Light Out's)** to configure the Physical server and got the OS on the servers
- Configured **Tivoli Storage Manager (TSM)** on the servers and Tivoli Data Protection (TDP) for Oracle on Linux and Solaris and helped in retrieving the data.
- Migrating Linux boxes from CentOS and Redhat 4.x to latest **kernel** of Redhat 5.x.

Environment:

Redhat Enterprise Linux 5.2/5.3, HP Blade servers DL 385 G1, G5, G6, DL 360, DL 165, DL 145, DL 140, Windows 2008 R2 Server, Active Directory, Sun Solaris 9,10, Redhat Cluster Suite, Oracle Unbreakable Linux 5.2/5.3, Satellite server, LDAP, Oracle 10g, 11g.



Client : NeuStar Inc., Sterling, VA
Position: Linux Administrator

Jun '08 to Apr '09

Responsibilities:

- Installing, upgrading and configuring **Redhat Enterprise Linux 5.0 on HP servers** using **kickstart installation**, also **CentOS 4.x**, manually and using **Kickstart** and upgrading through **YUM** installation.
- Plan and Deploying assigned projects, change management, on-call support, and hotline bridge participation.
- Order the server hardware from the vendor as per client's needs and requirements.
- Worked on various troubleshooting problems when working with Installing and configuring OS and network device remotely in various site.
- Experience in providing day-to-day user administration like adding/deleting users and managing user's queries and Installed and maintained System Configuration Management tools using **Puppet (both Server and Clients)**.
- Assisted customers with setting proper Priority/Severity of problems, work problems to resolution, recorded/documented actions in databases as well as utilized tools and resources.
- Opened many tickets for the issues raised on the Servers including Configuration of New Servers, and technical and hardware based on **Business Continuing Plan (BCP)** with a perfect strategic plan.
- Troubleshooting and analysis of hardware and software failures for various **Linux Server, Console Servers (MRV Console Servers) and Power Distribution Units (PDU)** in almost dozen of Collocation Site
- Installation, configuration and maintenance DNS servers, Mail servers, FTP servers, RPM, LVM, NFS, NIS, JSP, SSL, NIS+, SNMP, SMTP, RPM and Samba Web servers on Redhat Linux and CentOS.
- Installed and maintained the issues for all Oracle boxes installed on the new servers.
- Worked with **HP, Linux OS Patches**.

Environment:

LINUX servers (Redhat Enterprise Linux & CentOS Servers), HP DL 385, DL 360, DL 165, DL 145, DL 140, MRV Console Servers(MRV LX-4032T), Power Distribution Units(PDU), HP-UX 11.2x, 11.3, Bash & Perl Scripting, Oracle 10g, Sun Cluster in SAN Environment.

Client : IBM/Novartis, Emeryville, CA
Position: SUSE Linux Administrator

Sep '07 to Jun '08



Responsibilities:

- Installing, upgrading and configuring **SUN Solaris 8, 9 and 10** on Sun Servers using **Jump start**, using **kickstart & manual installation** for **Redhat Linux Servers 5.0, 4.x, SUSE Linux Servers X 9,9.1,10.0,10.1** manually and using **SystemImager** and updated using **YUM & YAST**.
- Plan and implement assigned projects, change management, on-call support, and hotline bridge participation.
- Worked in SAN Environment handling LUNS and HBA Cards and their drivers.
- Experience in providing day-to-day user administration like adding/deleting users and managing user's queries and maintained Server using **Cfengine**.
- Installation, configuration and maintenance DNS servers, Mail servers, FTP servers, NFS, NIS, LVM, RPM, SSL, NIS+, SNMP, SMTP, CGI, RPM, Cloning of Servers, building Kernels, and JBoss Server & Samba Web servers on Sun Solaris, Linux platforms, AIX Server and IBM Tivoli for Load Balancing.
- Administration / Maintenance of RS/6000 Enterprise servers of HACMP.
- Troubleshooting and analysis of hardware and software failures for various Solaris servers (core dump and log file analysis).
- Configuring distributed file systems and administering NFS server and NFS clients and editing auto-mounting mapping as per system / user requirements.
- Installed **Oracle 9i and 10 g** database on SuSe Linux.
- Created Users, Groups, Roles, and assigned users to groups and granted privileges and permissions to appropriate groups.

Environment:

LINUX servers (Redhat & SUSE Linux Enterprise & BladeCenter Servers), SUN Solaris, E250, E10K, E4500, SunfireV880/440, Sun servers (Sun Ultra 5, 280R, V240, V440, V480, V880, E450, E4500, E6500, E10K, E15K), Bash & Perl Scripting, Oracle 10g/9g.

Client : AOL, Dulles, VA

Jan '07 to Sep '07

Position: Solaris/RedHat Linux Administrator

Responsibilities:

- Installing, upgrading and configuring **SUN Solaris 8 and 9** on Sun Servers using **jump start** and also **RedHat Linux ES 4.x** using **kickstart installation** and **YUM**.
- Creating user accounts, user administration, local and global groups on Solaris platform.
- Maintaining appropriate file and system security, monitoring and controlling system access, changing permission, ownership of files and directories, maintaining passwords, assigning special privileges to selected users and controlling file access, monitoring status of process in order to increase the system efficiency.



- Worked with in **SAN** Environments and working with **RPM** to update the servers with latest kernels.
- Installation, configuration and maintenance DNS servers, Mail servers, FTP servers, SNMP, SMTP, NFS, JSP, LVM, SSL, NIS, NIS+ and JBoss Server & Samba Web servers on Sun Solaris.
- Installed and maintaining Servers **Cfengine** and worked with Load Balancing tools.
- To produce automated monitoring / actions for critical storage resources to eliminate manual intervention and service interruption.
- Worked on **LDAP** client-server model to retrieve and manipulate data.
- Scheduling jobs with Maestro & cron jobs, Printer maintenance and managing printers (network, local, remote and serial) using, Admintool and lpadmin utility.

Environment:

SUN Solaris, E250, E10K, E4500, SunfireV880/440, Sun Storage Array NAS and SAN, Sun servers (Sun Ultra 5, 280R, V240, V440, V480, V880, E450, E4500, E6500, E6800, E10K, E15K), SUN Blade 6000, Linux servers (Red-hat Linux Enterprise), Maestro, Cfengine, Perl & Bash Scripting, Oracle 9i/10g, VERITAS Volume Manager, Sun Disk Suite, Veritas Netbackup, Web Logic, Sun Cluster in SAN Environment.

Client : ECIL, India

May '05 to Aug '06

Position: Jr. UNIX System & Database Administrator

Responsibilities:

- Installation and Implementation of Solaris Operating System on Sun Sparc and X86 Machines.
- Installation and Implementation of windows and configuring the Peripherals like printers and scanners.
- Setting up local and remote printers. Performing Backup and restore.
- Created user roles and groups for securing the resources using local operating system authentication.
- Performing tasks related to technical support & management.
- Responsible for **analyzing business functionality** for the backend processes.
- Responsible for developing **technical specifications** from business requirements.
- Installing **Oracle 9i** , **database creation**, and **user management**
- Responsible for **trouble shooting backend production** problems.
- Performed **maintenance job**, **taking backup**, **performance monitoring**

Environment:

E420R, E220R, Netra X1, Ultra 10/60, L1000 tape lib, A5200.D5200 storage arrays, Sun Solaris 8 /7, Oracle 9i/8i, Red Hat Linux EL 3.0