



Suresh Kumar

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Career Synopsis

11+ years of solid hands-on experience in a hybrid cloud environment, expertise in Linux, DevOps Automation AWS and Microsoft Azure.

Domains Experience	Software Development, Telecom, ITES, Banking and Energy
OS – Operating System	Red Hat Enterprise Linux/CentOS/OEL 5.x, 6.x, 7.x and Ubuntu/Debian
Virtualization	Docker, Kubernetes and Linux Container LXC
DevOps Tools	Puppet, Ansible, Jenkins CI & CD, GIT, GITHUB and Red Hat Satellite 6.x
Cloud Technologies	AWS:CLI, EC2, VPC, S3, EBS, EFS, IAM Azure: CLI, Auto Scaling,
Server Hardening	Red Hat Enterprise Linux 6.x
Project Management Software	Atlassian JIRA: Bug-Tracking and Project Management
Ticketing/Monitoring Tools	Service Now
Scripting Language	Bash Shell Scripting and Python 2.x, 3.x

Companies Served

Company Name & Location	Tenure	Role
Clovity Inc.	August 2018 – Present	DevOps Consultant
HCL Technologies Ltd - Noida	May 2015 – July 2018 (3.3 Yrs)	DevOps Consultant
GENPACT LTD - Gurgaon	May 2011 – Apr 2015 (4 Yrs)	Linux/DevOps Engineer
Iris Unified Technologies Ltd. - Delhi	Aug 2008 – Apr 2011 (2.9 Yrs)	Unix/Linux Support Engineer
24/7 Customer Pvt. Ltd. - Gurgaon	Sep 2007 – Jul 2008 (11 Months)	Linux System Engineer

Professional Experience

Clovity Inc - Role: DevOps Consultant

Working in a hybrid Cloud Environments as a DevOps Consultant on AWS, Microsoft Azure, Complete Cloud Setup and Project Transition from traditional datacenter environment to migrate on AWS and Azure Cloud, Docker and Kubernetes, Ansible, Puppet, Jenkins CI & CD, GIT and SVN, with 11 years of Solid hands-on expertise in UNIX Environment on various distribution of Linux: RHEL, CentOS, OEL 5.x, 6.x, 7.x, Ubuntu Debian, Bash Shell Scripting, Python Scripting in multiple domains like Banking, Software Development, IT Infrastructure Implementation & Delivery, Telecom Healthcare, Automobile and Energy, IoT, AI, Machine Learning based Projects across the globe.

HCL Technologies Ltd. - Role: DevOps Consultant

Worked in 24*7 heterogeneous environments as a DevOps Engineer in hybrid cloud infrastructure at offshore location NOIDA India. My Day-to-day activities are: Working on DevOps Automation, AWS Cloud & Linux Server Deployment, Administration, Troubleshooting on Physical and Virtual Server's. Server Build, Upgrade, Migration, Agile-patching manual/automated using Ansible, performance tuning of the servers, hardening of server security and data, working on Jenkins CI/CD, Build Pipeline, Configuration/Services, Installing Packages/Software using Configuration Management Tools – Puppet, Ansible & Jenkins. Bash Shell Scripting and Python Scripting, Solid hands-on in Docker & Container, Kubernetes, and creating docker objects like: images, network, volume and other objects and containers and administration and troubleshooting. Kubernetes: Creating nodes and Pods, automating of deployment, scaling and operation of applications across clusters of hosts.

Roles and Responsibilities

- Working in 24*7 hybrid cloud environment to build CI & CD to support development and IT operation as a Linux & DevOps Engineer.
- Creating EC2 Instances, Creating Users in IAM, and Managing S3/EBS/EFS in AWS, Installing/Configuring Ansible, Writing Playbooks, Installing/Configuring Puppet Master and Agents, Writing Manifest, Modules, Installing/Configuring Jenkins, Creating New Build Jobs, Monitoring Build Jobs, Creating Scripts to automate day-to-day activities to be simplified.
- RHEL, CentOS, OEL 5.x, 6.x, 7.x, Red Hat Satellite 6.x on 8000+ physical & virtual servers on production/non-production/QA/development/DR server.
- Working on Docker, Kubernetes and Linux Containers creating images, nodes, pods and troubleshooting the issues occurs and providing RCA.
- Installing and Configuring Ansible, Puppet Master and Agent on servers, writing playbook using YAML, on Ansible, writing manifest, modules and on puppet master to automate complete servers as per need.
- Jenkins Standalone and Jenkins on Tomcat, Implementing Pipelines, Integration of Jenkins Plugins like GIT, Maven, Publishing over SSH, SSH plugin, Ansible plugin for CI/CD, Implementing Build and Deploy for Java.
- Subscription Management and working on Agile Patching of Security/Bug Fix/Kernel using DevOps Tolls- Ansible & Red Hat Satellite Server.
- Working on AWS to creating machine and configuring and managing them on daily basis. Package management/installation using Yum Server, RPM.
- Working on LVM: Scanning LUNs, labeling LUNs/Disks, Creating/Extending/Reducing/Migrating/Snap Backup of PVS/VGS/LVS, creating FS and mount them and making secure as per need using ACL, Stickybit, Samba, NFS Server, NIC Bonding/Teaming, Monitoring/Replacing/Adding/Managing Slave into Bond and Team.
- RHEL 6 server hardening, Security/Software Updates, SSH, File System Security, Special Permissions, User Accounts, PAM, Securing Console Access, IDM, System Logging, System Auditing.
- Working on ITIL Process, Incident/Change/Emergency Break fix and handling P1 Tickets and providing RCA on problem tickets.

GENPACT LTD. - Role: Linux/DevOps Engineer

Worked in 24*7 heterogeneous environment as a Linux/DevOps Engineer at offshore location Gurgaon India. I was responsible for implementation, administration and troubleshooting on DevOps and Cloud Technologies. Actively worked on AWS, Ansible, Jenkins CI & CD, GIT, Puppet RHEL 5.x, 6.x, 7.x, AWS CLI, EC2, S3, EBS, EFS, IAM, and Bash Shell Scripting & Python. Installation, Configuration and Troubleshooting, performance tuning and also provided operational support, job automation through shell scripting, scheduling, and nightly reporting, discussing open issue on server performance. Worked on ITIL Process like implementing scheduled and emergency change tickets, incident tickets and problem tickets and provided RCA.

Roles and Responsibilities

- Worked in 24*7 Environment at Offshore Location Gurgaon as Linux & DevOps Engineer.
- RHEL 5.x, 6.x, 7.x, Red Hat Satellite, Docker, Kubernetes, Linux Container, Puppet, Ansible, Jenkins CI & CD, GIT, GITHUB, AWS – CLI, EC2, S3, EBS, EFS, Route53, IAM, SSH Key Management.
- Worked on RHEL 5 and 6 HP, DELL Physical Server and Virtual Server in mission-critical production environment, agile patching and manual patching on physical and virtual servers on RHEL 5 and 6
- Disk partitioning using fdisk and parted labeling disks, Scanning SCSI and FC LUNs configuring them in Multipathing, Native Multipathing.
- Worked on NIC Bonding, configuring, troubleshooting and monitoring, adding and removing NICs in case if any NIC was getting failed in live production server, Analyzing system logs and providing RCA to the customer, File System issue in case file system becomes read only like application mount points,
- Creating PVs, VGs and LVs, Extending VGs and LVs, Reducing VGs and LVs, Taking LVM snap backup, LVM migration, rsync to copy data during server migration.
- Coordinating with Application and Database Team and Server Owners to take downtime and Patching Physical and Virtual Servers using Ansible and Red Hat Satellite, Virtual Server to configure, taking snapshot, adding cpu, memory, disk and NIC.
- Hardening RHEL Both Physical and Virtual Servers tightening security loop holes like SSH etc, Performance tuning on all physical and virtual servers, Running sosreport and uploading it to Red Hat Support Case.

Iris Unified Technology Ltd. - Role: Linux Support Engineer

Worked as Linux Support Engineer, Iris Unified Technology Ltd has been acquired by a German MNC naming as Comparex India Pvt. Ltd. Now for some time <http://www.comparex-group.com>, there were mixed environment I had worked here on majorly on Linux and partially on windows server both physical and virtual server . Installation of Linux servers and window server too. Worked onsite and offshore location both on various Indian and International Clients

Roles and Responsibilities

- Worked in 24X7 Environment on Offshore Location and onsite location across India.
- Worked on Physical and Virtual production, non-production, development, and QA Servers.
- OS Installation, Linux Server.
- Worked on RHEL 5 Physical server installation
- Creating Partition using fdisk, Creating Physical Groups, Creating Volume Groups, Creating Logical Volumes, Extending, Reducing Volume Groups and Logical Volumes
- Red Hat Enterprise 5/6 Patching – Vulnerability fix Manual and automated tool, Managing Disks & Devices, Labeling disks, formatting and creating file systems, Mount & Unmount File System on client machines, Worked on change and incident tickets on daily basis.
- Working on incidents and Service Task and problem tickets

24/7 Customer Pvt. Ltd. - Role: Linux System Engineer

24/7 Customer Pvt. Ltd has been renamed as a 24/7 Customer form sometime and its operating in India and as well as in other countries also its headquartered in Campbell, California, United States, I worked here as system engineer for less than a year because this company has shut down the operation from Gurgaon Haryana India office due to some US policy changes. I worked here on Desktop support and server support on Linux and Windows server.

Roles and Responsibilities

- Worked in Heterogeneous Environment at Offshore Location Gurgaon India.
- OS Installation, Windows desktop and Servers Linux Server & Workstations.
- Managing Disks & Devices, Labeling disks, formatting and creating file systems.
- Mount & Unmount File System on client machines.
- Monitoring servers through HPOV tools.
- Working on incidents, tasks
- Working on Window servers as well to create users and assigning disk quota
- Taking care of hardware inventory and printers and outlook configuration on desktops systems.

Technical Hands-on Knowledge

Operating Systems	:	Linux: RHEL/CentOS/OEL 5.x, 6.x, 7.x, Ubuntu/Debian
DevOps Tools	:	Puppet 3/4, Ansible 1.9/2.2.2.4, Jenkins CI/CD, GIT.
Cloud	:	AWS: CLI, EC2, S3, EBS, EFS, VPC, IAM and Route 53, Azure.
Security	:	IPTABEL, FirewallD, NMAP, SSL, HTTPS, TCP Wrappers,
Networking	:	NIC Bonding/Teaming, P/SSH, Telnet, SAMBA, NFS & HTTP,
Shell Scripting	:	UNIX Shell Scripting, Python.
Virtualization	:	Docker Container, Kubernetes and Linux Container LXC

Certifications

- Red Hat Certified, RHCSA & RHCE in Red Hat Enterprise Linux 7

Professional Accomplishments

- Received **Best Team Award in 2014** for continuous support in 24*7 mission-critical production environments to GE Finance Vertical from Sr. VP. Genpact
- Received **Silver Award in 2012** as an individual contributor in UNIX support and troubleshooting from Sr. VP Genpact.
- Received a **Spot Award in 2011** as an individual contributor for GE project from VP Genpact

Academic Qualification

- Bachelor of Information Technology 2002 – 2006
- Level 5 BTEC HND in Computing 2002 - 2006
- Advance Diploma in Information Technology 2000 - 2002
- 10 +2 Science Stream. 1998 - 2000
- 10th Science Stream. 1996 - 1998

Personal details

Name	:	Suresh Kumar
Marital Status	:	Married
Current Location	:	Delhi NCR
Preferred Location	:	Delhi NCR
Nationality	:	Indian
Linguistic Skills	:	English & Hindi (Native).