**Ramesh** A picture containing text, sign, businesscard

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**(469) 844- 1574**



**DevOps Engineer/ Cloud Engineer / Linux Systems Administrator**

# SUMMARY

* **10+ years** of experience as **AWS Cloud Engineer, DevOps Engineer, Build& Release management, Virtualization** using **VMWare** and worked in **UNIX/Linux OS (AIX, RHEL, CentOS, Ubuntu)**, **AWS**, **Azure**, **Windows Servers** environment.
* Proficient in **Amazon AWS Cloud Administration** such as **EC2, S3, EBS, VPC, ELB, Lambda, Glacier, AMI, SNS, RDS, IAM, Route 53, Cloud Front**, **Cloud Watch, Cloud Trail, Cloud Formation, Security Groups** focusing on high availability, fault tolerance, **Auto Scaling** using **AWS Console & AWS CLI**.
* Expertise in managing **Microsoft's Azure infrastructure, Azure web roles, worker roles, SQL Azure, Azure storage, Azure AD licenses, Office 365, Azure.** Virtual machine backup and recover from a recovery services vault using Azure PowerShell and portal.• Experience in dealing with **Windows Azure IaaS** - Virtual Networks, Virtual Machines, Resource Groups, Traffic Manager, VPN, Load Balancing, Application Gateways, Auto-Scaling.
* Wrote **Terraform** scripts for **AWS** infrastructure. Enabled **AWS** Config to monitor changes in AWS accounts and developed **AWS** configuration rules to monitor for unencrypted volumes and untagged resources in accounts.
* Experienced in **System Builds**, **System Administration, Server builds, Installs, Upgrades, Patches, Migration, Troubleshooting, Security, Backup, Disaster Recovery, Performance Monitoring and Fine-tuning on UNIX** Red Hat Linux Systems.
* Maintained/configured various versions of **ESX and ESXi** (including 6.0). Experience in working on **Platform Service Controllers** and **implemented several versions** of **VCenter** installations like Embedded and External with high availability options.
* Migrated from **VMware ESXi to Hyper-V 2012** with  **SP1 R2** and other tools with **VMware** on clustered environment, Implemented Migration of Virtual Machines using **VMotion, Storage VMotion.**
* Hands - on experience in **Azure** Cloud Services (**PaaS** & **IaaS**), Storage, Web Apps, Active Directory, Application Insights, Logic Apps, Data Factory, Service Bus, Traffic Manager, **Azure** Monitoring, **OMS**, Key Vault, Visual Studio Online (VSO), Cognitive Services (LUIS) and **SQL** **Azure**.
* Extensively experienced in **Azure** Development, worked on **Azure** web application, App services, **Azure** storage, **Azure SQL** Database, Virtual machines, Fabric controller, **Azure AD**, **Azure** search, and notification hub.
* Implementing various resources in **Azure** using **Azure** Portal, PowerShell on Azure Resource Manager deployment models. Experience deploying Infrastructure as Code (IoC) applications using **ARM** Templates (**JSON**).
* Maintained and managed PAAS instances of **Heruko**
* Managed code repository via github, Bitbucket, Gitlab and **Heruko**

• Worked on migrating and re-platforming applications from **Heruko to AWS.**

* Proficient in containerization tools such as **Docker, Kubernetes, OpenShift** and handled several docker components like **Docker Engine, Docker-Hub, Docker Compose, Docker Registry, Docker Swarm** and **Orchestration** tool such as **Kubernetes.**
* Implemented **Continuous Integration** and **Deployment** using various **CI** Tools like **Jenkins, Octopus, Ansible, Chef** and **Puppet (Configuration Management Tools).**
* Experience in understanding the concepts of **OpenShift** platform that are used to manage the container  and the clusters **Kubernetes** which are primarily used for maintaining the Enterprise server **Nexus** which manages **Artifact’s** jar, war files.
* Worked with **Docker** and **Kubernetes** on multiple cloud providers, from helping developers build and containerize their application (**CI/CD**) to deploying either on public or private cloud.
* Deployed **Kubernetes** cluster using **Kubespray** on **VMware** **vSphere** environment, configured console cluster for service discovery, weaver for networking, performed deployments of the microservices by using **Kubectl** command line utility.
* Installation and deployment **Management Repository** generated by **Maven** and **Ant Artifacts** and store the build process using dependency jar. Worked on resolving issues with pom.xml files, integrated **Maven** with **Jenkins** to automate the **Artifacts** build and uploaded them to the binary repository tools like **Nexus**/**Artifactory**.
* Used bug-tracking systems like **JIRA, Bugzilla, and HP Quality Center** to monitor the daily progress and create workflows for the project.
* Expert with **SCM** tools like **SVN, CVS, IBM Clear Case, Bitbucket, TFS,** and **GIT**. Strong knowledge on concepts like Branches, Merges and Tags.
* Administering, integrating, supporting middleware technologies like **WebSphere Application Server, WebLogic, WebSphere Portal Server, Tomcat, JBOSS** & **WebSphere MQ** and **Web Servers IHS, Apache HTTP** on wide variety of platforms like **Solaris, Linux,** and **Windows.**
* Installed configured, **Monitoring** tool such as **Splunk**, **Nagios**, **AppDynamics** for Resource Monitoring/ Network Monitoring / log trace Monitoring.
* Experience designing and building and deploying containerized solutions and managing high availability applications with Azure Kubernetes Service.
* Performed volume system management utilizing **LVM** and file system tuning for **ext3**, **ext4** and **xfs** and worked on various storage technologies **SAN, NAS, DAS, NetApp, RAID, NFS Server**.
* Expertise in writing **Bash Scripts**, **PowerShell**, **Perl Scripts** (hash and arrays), **Python programming** for deployment of Java applications on bare servers or Middleware tools.
* Implemented continuous integration build and deployment using **Jenkins** and **Octopus** deployment.
* Day to day administration of the Development environment, handling tickets, monitoring, **troubleshooting** and Production and Test environment systems, 24x7 **on**-**call support.**
* **Memsql** Cluster schema and partitioning design, data migration, pipelines, performance tuning, support.

**EDUCATION Bachelor of Technology from JNTU Hyderabad, INDIA**

# TECHNICAL SKILLS

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| **Automation/Build Tools** | Terraform, Ansible, Chef, Octopus, Puppet, CDK, Ant, Gradle, GIT, Jenkins, Maven, Bitbucket, Bamboo |
| **Cloud Platform** | AWS, Microsoft Azure, OpenShift, OpenStack, Google Cloud (GCP) |
| **Operating Systems** | Red Hat Linux 5.x/6.x/7, Ubuntu, Fedora, Centos 5/6/7, Windows Server 2003/2008/2012, iOS, |
| **Monitoring** | Nagios, OP5, Splunk, Grafana, AppDynamics, Clear Quest, ELK, DataDog |
| **Bug Tracking Tools** | JIRA, Azure DevOps, Confluence, Trello, HP Quality Centre, Fisheye, Bugzilla |
| **Web/Application Servers** | Apache Tomcat, WebSphere, WebLogic, JBoss |
| **Database** | Oracle, DB2, MySQL, PostgreSQL, Cassandra, Single Store (MemSql), MongoDB, SQL Server  2008/2012/2014 |
| **Scripting Languages** | Shell Scripting, YAML, Bash, Python, PowerShell, XML ,Perl, Python, Ruby. |

**PROFESSIONAL EXPERIENCE**

# Comcast – Denver, CO Dec 2019 - Present Cloud / Sr. DevOps Engineer

* Designed and implemented **Continuous Integration** and **Continuous Deployment** frameworks from code deploy using Jenkins.
* Defined automation and roadmaps for the team. Worked with teams to understand their needs and drove them towards continuous integration and delivery
* Automated creation of Infrastructure in cloud environment using **Terraform** and **Ansible.**
* Designed and Developed Scripts **AWS Orchestrations**, Maintaining and expanding our AWS Infrastructure, and providing mentorship to other teams.
* Deployed application which is containerized using **Docke**r onto a **Kubernetes** cluster which is managed by **Amazon Elastic Container Service for Kubernetes (EKS).** Configured kubectl to interact with Kubernetes infrastructure and used **AWS Cloud Formation Templet (CFT)** to launch a cluster of worker nodes on **Amazon EC2** instances.
* Setup of Kubernetes services on AWS with Route53 and Let’s Encrypt TLS certificates.
* Setup of ECS to store the developed microservices in Docker containers.
* Automated setting up server **infrastructure** for the DevOps services, using **Ansible** and **Python** scripts. Maintained and supported AWS infrastructure for various teams in organization.
* Using Python script automated migration of source code from **Gitlab** to **Bitbucket.**
* Deployed applications on the **Azure** platform by developing **ARM** templates and triggering it through **Azure**. Managing multiple **Azure** subscriptions in automating the **Azure** VM provisioning, Blob storage, file blobs, **Azure** disks for the Azure VM.
* Integrated on-premises **Active Directory (AD)** user data groups and organizations to sync to **Azure AD** and troubleshooted services sync with on-premises AD and resync using the Azure tools.
* Experienced in migrating on premise to Windows **Azure** using **Azure** Site Recovery and **Azure** backups and having good knowledge on **Azure** fabric, micro services in **Azure**.
* Deployed **Custom roles and Polices** in Azure Tenant using **Python** to provide access to the resources and maintaining the permissions of users and groups on to appropriate subscriptions.
* Deployed load balancer types such as **Azure Load Balancer**, **Application gateway**, **Azure Traffic Manager** to distribute the traffic across the applications.
* Developed CI/CD pipeline automation for **Octopus** deploy with **Python**
* Experience in dealing with Windows **Azure** IaaS - Virtual Networks, Virtual Machines, Cloud Services, Resource Groups, Express Route, Traffic Manager, VPN, Load Balancing, Application Gateways, and Auto-Scaling.
* Wrote **PowerShell** scripts for validating the **ARM templates** and pre-Deployment and post deployment activities. Automating in Azure for creation of **subscription**, **Resource Groups** and Storage Account using Windows **PowerShell**.
* Leveraging AWS CDK to manage AWS resources
* Migrated more than hundred applications from on-premises to AWS cloud.
* Developed and automated cloud CI/CD for migration from On-premises to cloud using AWS CDK (Cloud Development Kit), AWS Lambda, AWS SAM (Serverless Application Model)
* Secrets Management and Storage using AWS secrets Manager, Systems Manager Parameter Store and Vault
* Implementing various applications, system monitoring tools and Technical Expertise on **Nagios/NRPE** Knowledge of implementing, administering, and monitoring My-SQL, Java and tomcat-based applications, etc.
* Experience in alert handling, standard availability, and performance report generation. Experience in root cause analysis of postproduction performance related issues through **OP5 Monitor**.
* Server & application monitoring using **OP5, Grafana, GRU, ELK, Splunk.**
* Created **bash** and **shell** scripts to automate some of the services required in the environment
* Design and extract various **reports** of servers and services and extract various reports for interfaces from logs.
* Maintained and executed Build scripts to automate development and production builds along with involved in creating shell scripts like Automation of startup and shutdown services/processes.
* Managed more than 500 (Troubleshoot, configure, and administer) **Linux** machines.
* Monitor Production Server Health of different parameters (System Load, Physical Memory, Swap Memory, Hard disk using **Grafana**.
* Used **Ansible** to manage system configuration to facilitate interoperability between existing infrastructure and new infrastructure in alternate physical **Data Centers**
* Proven ability to identify and perform **root cause analysis** of issues.
* Good command in working with **Tracking Tools JIRA and Azure DevOps**. Handling Tickets, Monitoring, Troubleshooting and maintenance in daily day to day job.
* Troubleshooting **Cisco Systems** when user facing issues and collaborating with **Cisco** vendor teams
* Experienced on **Cisco** routing and switching /data networking skills
* Creates documentation including scripts, components, tools in and processes used for automation.
* Used Service now to create change and Incidents tickets when needed.
* Responsible for setting up a **Single Store (MemSql)** cluster on over hundreds of Linux machines.
* Deployment and orchestration of **Docker containers** on a cloud platform and creating Docker images using Ansible. Wrote **Docker files** and built Docker images, creating **private repository.**
* Created **Docker images** using a **Docker file**, worked on Docker container snapshots, removing Images, and managing Docker volumes. Containerization of Web application using **Docker and Kubernetes** and Database maintenance.
* Altered **Kubernetes** endpoints to while in maintenance of **cluster IP’s.**
* Experience with rest API design and AWS API Gateway swaggers and postman.
* Integrated new application changes to existing servers and performing deployments using tools such as **Octopus** Deploy and **TeamCity**.
* Maintaining and Monitoring **Kubernetes** pods and spin up when the pods are down.
* Maintained **Single Store** (**Memsql**) cluster and upgraded to recent version. Design, implementation, and support of **Single Store (Memsql)** cluster for real time analytics. Data migration and pipeline setup.
* Maintained and administered the source code repositories, including implementation of automated controls within **GIT** for all build related procedures.
* Implemented and an automated patching system for servers in Azure and on-premises using Octopus Deploy and PowerShell Desired State Configuration (DSC)
* Created and maintained fully automated CI/CD pipeline for code deployment using **Octopus** Deploy and PowerShell.
* Used **Atlassian** tools such as **JIRA** to track bugs and report tickets and used **Confluence** to document procedures that were created for POC’s.
* Created **DataDog** dashboard for various applications and monitored real-time and historic metrics.
* Prepared technical documentation for all set up and configuration steps in Confluence page.
* Created and maintained both on-premises and cloud Infrastructure for DEV/UAT /PROD enivironment

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| **Unison Home Ownership Investors – San Francisco, CA**    **Cloud Engineer / DevOps Engineer** |  |  |  |  |  | **Sep 2017 – Dec 2019** |

* Managed **AWS EC2** instances utilizing **Auto-scaling**, **Elastic Load Balancing** and **Glacier** for our QA and UAT environments as well as infrastructure servers for **GIT** and **chef**. Created **Jenkins** job to build the **Artifacts** using **Maven**, deploy the **Terraform templates** to create the stack.
* Created **AWS S3 bucket**, performed folder management in each bucket, managed cloud trail logs and objects within each bucket and created highly available environments using **Auto-Scaling, Load balancers** and **SQS**.
* Defined AWS **Security Groups**, which acted as virtual firewalls that controlled the traffic which allowed to reach one or more **AWS EC2** instances. Worked on multiple AWS instances, set the security groups, **Elastic Load Balance**r and AMIs, **auto scaling** to design cost effective, **fault-tolerant,** and highly available systems.
* Created **VPC** from scratch, Provisioning the naming convention, CiDR range, Created Internet gateway and arttached to the internet gateway to the VPC, Tagged the the default rout table automatically provisioned by **AWS**.
* Creating and Managing Virtual Machines in **Windows Azure** and Setting up communication with the selected ports and worked on designing, building, and improving cloud environments on **Amazon Web Services** and **Azure Cloud**.
* Integrated **Jenkins** with **Maven** to build various versions of the source code, configured **Ansible** by developing **Playbooks** to deploy the **Artifacts** from **Nexus repository** on to **WebSphere, WebLogic, Tomcat application servers.**
* Developed **Azure** Runbooks in **Python** and **PowerShell** to perform the migration of the on-premise infrastructure to the cloud and Configured ARM Templates which are triggered from the Jenkins CI CD pipeline.
* Created master-slave configuration to implement multiple parallel builds, created pipelines to pull the source code from **GitHub** periodically and perform builds automated **unit test** and code quality analysis with **JUnit plug-ins,** also install and configure **SonarQube** for static or dynamic code analysis and integrating the **Maven Build tool**.
* Managed local deployments in **Kubernetes**, creating local cluster and deploying application containers, managed **Kubernetes** charts using Helm and created reproducible builds of the **Kubernetes** applications, managed **Kubernetes** manifest files and managed releases of Helm packages.
* Created private cloud using **Kubernetes** that supports DEV, TEST, and PROD environments and implemented a production ready, load balanced, highly available, fault tolerant **Kubernetes** infrastructure.
* Worked on creation of **Docker** containers and **Docker** consoles for managing the application life cycle. Implemented **Docker** automation solution for **Continuous Integration / Continuous Delivery** model. To achieve Continuous Delivery **(CD)** goal on high scalable environment, configured **Docker** coupled with load-balancing tool **Nginx**.
* Integrating **Jenkins** with **Ansible**, setting up the environment to applications to be **containerized**, implementing and configured **Kubernetes** to manage **containers** and to provide a platform for automating deployment, **scaling**, and operations of application containers across **clusters** of hosts.
* We are developing **Ansible** roles and **Ansible** Playbooks for the server configuration and working with **GIT** to store the code and integrated it to **Ansible** command line to deploy the playbook.
* Wrote several **Ansible** playbooks for the automation that was defined through tasks using **YAML** format and run **Ansible** Scripts to provision Dev, QAservers.
* Design, installation, configuration and administration of Linux 5,6 and 7 servers and support of **OpenShift** Enterprise and non**OpenShift** support. The operation and support of **OpenShift** Enterprise and **Docker** Cloud services.

Created **CI**/**CD pipelines** and setup auto trigger, auto build &auto deployment with help of the CI/CD tool like **Jenkins**, used **Ansible** Control server to deploy **Playbooks** to machines & systems in inventory.

* Setup the **Splunk server** and configured **AWS** for Splunk Add-on, Install **Splunk Agents** and configured/Integrate **Splunk** to receive logs.
* Developed a **Power Shell script** to automate **Active Directory** and server tasks and Generate reports for administrators and management.
* Worked with Atlassian tools like **Confluence, Jira** and Skilled in Test Driven Development (TDD) and **Agile** Development. Experience customizing **JIRA** projects with various schemas, complex workflows, screen schemes, permission schemes, and notification schemes.

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| **Symplr – Houston, TX** |  |  |  |  |  |  |  | **June 2015 – Aug 2017** |

**DevOps Engineer**

* Involved in deploying the content cloud platform on **Amazon AWS** using **EC2**, **S3**, and **EBS**. Evaluate **Chef** and **Puppet** framework and tools to automate the cloud deployment and operations.
* Build AWS infrastructure various resources **IAM, VPC, Security Group, Auto Scaling, Cloud Watch, RDS, NACL, NAT, Firewall, Route 53**, **and Cloud Formation JSON Templates.**
* Experience in AWS services for deploying EC2 instances with various flavors including Amazon Linux AMI, RHEL, SUSE Linux, Ubuntu as well as creating **ELBs** and **auto scaling** to design cost effective, fault-tolerant, and highly available systems.
* Using Amazon Web Services (AWS) console and AWS **CLI** to launch and manage VM's with **Public**/**Private** subnet and setup load balancing, security groups etc. Created Cloud Formation templates and deployed AWS resources like EC2, Auto scaling, EBS, S3.
* Worked on setup up and maintenance of automated environment using **Chef Recipes** & **cookbooks** within **VMware** and **AWS** environment.
* Deployment, implementation of **Subversion (SVN)** as source control, collaboration and **QA tool.** Project management, versioning and blame/issue tracking using Subversion (SVN) created scripts for Backup and restoring **Subversion (SVN)** repositories also migrated source control tool from Clear Case to **Subversion (SVN)** and build tool from **Ant** to **Maven.**
* Installed and Implemented **Ansible** configuration management system. Used **Ansible** to manage Web applications, Environments configuration Files, Users, Mount points and Packages
* Currently working on cluster and network configuration for **Docker** containers running on multiple hosts and configuring a local **Docker** hub for storing **Docker** images internally using the **Docker** registry.
* Installing, configuring and administering **Jenkins** Continuous Integration tool on Linux machines along with adding and updating plug-ins such as **GIT**, **ANT**, and **Chef**.
* Implemented **Jira** with **Maven** release plug-in for tracking bugs and defects and created **ANT** and **Maven** POMs to automate the build process and integrated them with tools like **SonarQube, Nexus.**
* Involved in writing and organizing **Shell** and **Perl** scripting for building complex software systems written some **Shell** scripts to automate the process like node federation for distributed platforms.
* Created and configured jobs, script builder, custom command builder, agents in **Bamboo.** Configured **Git** with **Jenkins** and schedule jobs using Poll **SCM** option deployed the **EARs** and **WARs** in **JBOSS** Application server using **ANT** script.
* Wrote **Json** templates for **cloud formation** and **ruby** scripts for **chef** automation and contributing to our repository on **GitHub** (sub version control).
* Deploy and manage servers through **Puppet** and scripts, use cloud providers as uninterrupted substrate for implementation. Experienced with working on **Puppet Master and Puppet Agents** to manage and configure nodes.
* Deployed and configured **Elastic search**, **Logstash** and **Kibana** (**ELK**) for log analytics, full-text search, application **monitoring in integration with AWS Lambda and Cloud Watch.**
* Implemented **Docker**-**maven** plug-in in and **maven** pom to build **Docker** images for all microservices and later managed **Docker** file to build the **Docker** images from the java jar files.
* Created **Docker Images** using a Docker file, worked on Docker container **snapshots**, removing images and managing Docker volumes, also deployed **Docker Swarm**.
* Deployed code on **Web Logic servers** for Production, IT, Performance and Development environments using **ANT scripts**. Making DB deployments thru **Oracle SQL, MS SQL.**
* Integration of **ANT/Nexus, Jenkins, Atlassian (Bamboo),** Urban Code Deploy with Patterns/Release**, GIT, Stash, Confluence, Jira and Cloud Foundry.**
* Worked in designing and implementing continuous integration system using Jenkins by creating **Python** and **Perl scripts**.
* Deployed and configured **Elastic search**, Logstash and Kibana (ELK) for log analytics, full-text search, application **monitoring in integration with AWS Lambda and Cloud Watch.**
* Installed and set up **Nagios monitoring** system on a dedicated Amazon EC2 server, developed several custom plug-ins for monitoring availability and performance of AWS EC2 instances, integrating Pingdom checks, monitoring **MySQL** databases and results of execution of certain **queries**, etc.
* Closely working with Developers, QA, Performance, UAT testers, IT Team. Provided 24\*7 supports on call.

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| **Care More – Los Angeles, CA**  **Build Release Engineer** |  |  |  |  |  |  |  |  |  | **July 2014 – May 2015** |

* Configuring/Maintaining**/**tuning**/**upgrading **Web logic/Web sphere/JBoss** and **Web based applications** like **Java &**

**Tomcat/Apache.** Deployed Applications into PROD & Pre-Prod environments with various application server technologies like **Web logic, JBoss & Apache Tomcat**.

* Created **CI/CD** pipelines and setup auto trigger, auto build and auto deployment with the help of the **CI/CD** tool like **Jenkins**. Implementing new projects builds framework using **Jenkins &Maven** as **build framework tools.**
* Integrated **SVN/Git** repositories with **Jenkins** so developers can deploy their code and created various **Jenkins** jobs in different regions to propagate code through **QA, prod and production** environments.
* Administration skills in **Version Control Management** tools **(GIT) like tagging, branching, merging, stash, patching and user access control.**
* Experience working in **CI/CD** model and able to create a complete **Jenkins** pipeline for auto **deployment** for the different environments like **Dev, QA** and **Prod.**
* Configuration of various plug-ins for **Jenkins** for automation of the workflow and to optimize and smooth running of build jobs. Implementing a **Continuous Delivery framework** using **Jenkins**, **Puppet**, **Maven** & **Nexus** in Linux environment.
* Installed **Jenkins** plug-ins for **GIT** Repository, setup **SCM** Polling for Immediate Build with **Maven** Repository and Deployed Apps using custom ruby modules through Puppet as a **CI/CD** Process.
* Installing, configuring and administering **Jenkins** on Linux machines along with adding and updating plug-ins such as **GIT, ANT**. Used **ANT** and **MAVEN** as a build tools on java projects for the development of build **Artifacts** on the source code.
* Deployed the applications on multiple **WebLogic/WebSphere** Server instances and maintained **Load Balancing**, high availability and Fail over for the servers.
* Created and configured new **JIRA** projects and worked with departments to maintain existing **JIRA** projects. Manually migrated **JIRA** from 4.1 to 5.8 standalone **JIRA** on Linux server and created custom workflows, screens and Custom fields for **JIRA**.
* Installed and Configured the **Nexus repository** manager for sharing the **artifacts** within the company. Maintained and deployed the **Artifacts**, used **UDeploy (UrbanDeploy)** release build and produce products for testing and use in production.
* Installed & enabled **Firewall/IP tables** rules on new servers to secure the network, also designed **Firewall** rules for new servers
* Creating **volume groups**, **logical volumes**, extending **logical volumes** based on the requirements using **Logical Volume Management (LVM)** commands, also created and activated **SWAP** volumes to enhance system **Performance** and **Tuning**.
* Configuration & administration of **NFS, NIS, FTP, SSH Server.** Maintaining security groups assigned to Production and Test Linux Servers. Installed, configured and maintained **SAMBA** server for transferring files between windows and the LINUX environment.
* Configured Networking Concepts **DNS & DHCP, troubleshooting network problems** such as **TCP/IP**, providing support for users in solving their problems.
* Administrating **Active Directory** Services on **Windows Server**. Installation, Configuration and administration of Windows Servers.

# Zen3 – Hyderabad, India May 2013 – June 2014 Systems Adminstrator

* Installed and configured **ESXi** servers and app software across the network mostly **Dell, HP and IBM** hardware for virtualizations. Implemented and enhanced existing scripts developed in **Shell and Ruby** Managed server on **VMware vSphere, vCenter.**
* Linux/Unix IT Administrator experience specialized in Application Support on **Redhat-Linux, CentOS, Solaris, IBM-AIX. and Windows environments.**
* Monitoring and log management on UNIX, Linux, and Windows servers, including processes, crash and swap management, and performance tuning.
* Maintained and monitored all of company's servers operating system and application patch level, disk space and memory usage, user activities on day-to-day basis.
* Implemented System policies and hardware profiles, hard disk configuration for fault tolerance, disk mirroring and back up the data using BACKUP devices.
* Used bash shell scripting to schedule and automate processes including full and incremental backups using tar, crontab, ufsdump and snapshots.
* Knowledge in Logical Volume Management on Linux with LVM Knowledgeable in **HTTP, HTTPS, FTP, SFTP, DHCP, DNS, SNMP TCP/IP, UDP, ICMP, VPN, POP3** protocols.
* Knowledge in **DNS, NIS, NFS, FTP, NIS, Samba Server, LDAP**, remote access, security management, and system troubleshooting skills. Troubleshooting and packet capture with **Net scout probes, Sniffer Pro,** and TCP dump. Use of network monitoring tools including **Cisco Works** and **Wire shark/Ethereal.**
* Comfortable in working in a Data center environment - swapping of disks, Attaching/Detaching storage, increasing Utilization.
* Performed backend development using open source toolset **LAMP stack (Linux , Apache, MySQL, PHP**).
* Used bash shell scripting to schedule and automate processes including full and incremental backups using tar, crontab, ufsdump and snapshots.
* Knowledge in Logical Volume Management on Linux with LVM Knowledgeable in **HTTP, HTTPS, FTP, SFTP, DHCP, DNS, SNMP TCP/IP, UDP, ICMP, VPN, POP3** protocols.
* Knowledge in **DNS, NIS, NFS, FTP, NIS, Samba Server, LDAP**, remote access, security management, and system troubleshooting skills. Troubleshooting and packet capture with **Net scout probes, Sniffer Pro,** and TCP dump. Use of network monitoring tools including **Cisco Works** and **Wire shark/Ethereal.**
* Comfortable in working in a Data center environment - swapping of disks, Attaching/Detaching storage, increasing Utilization.
* Performed backend development using open-source toolset **LAMP stack (Linux, Apache, MySQL, PHP**).