**Nagaraju T
Mobile:** (857) 293-0770 **Email ID: nagt9090@gmail.com**

**Cloud/DevOps Engineer**

**SUMMARY**

* Around 7 years’ experience in the field of information technology industry with great experience in Software integration, Linux Administration (**RHEL (6,7), CentOS, Fedora, Ubuntu**), Configuration Management (**Ansible, Chef, Puppet**), Continuous Integration, Continuous Deployment, Build and Release Management, Cloud Implementations (**AWS, Azure**) on **agile** principles and building Cloud Native APPS.
* Experience on AWS Cloud using services such as **EC2, S3, EBS, VPC, ELB, Route53, Cloud Watch, Cloud Formation Templates, Security Groups, Cloud Trail, IAM, Cloud Front, Snowball, Lambda, Code commit, Code deploy, EMR, RDS** and **Glacier.**
* Migrated Legacy applications from reverse proxy and agent-based authentications to **SAML** based authentication and Experience in implementing **SSO** and created Multi Factor Authentication for additional security (**IAM**).
* Designed, configured and deployed Microsoft **Azure** for a multitude of application s utilizing the **Azure** stack (Including **Compute, Web & Mobile, Blobs, ADF, Resource Groups**, **Azure SQL DW**, **Cloud Services**, and **ARM**, focusing on **high**-**availability**, Disaster Recovery, **fault tolerance**, and **auto**-**scaling**.
* Extensively worked on Implementation of continuous integration and deployment by using various **CI** tools like **Jenkins, Bamboo** and **Hudson** using Build Automation **DevOps** tools like **ANT, Maven, Artifactory /Nexus, Anthill Pro and Puppet/Chef/Ansible**.
* Experienced in branching, **tagging** and maintaining the version across the environments using **SCM** tools like **GIT, GITHUB**, Subversion (**SVN), CVS** and **TFS** on Linux and windows platforms.
* Hands-on experience in using message brokers such as **ActiveMQ**and **RabbitMQ.**
* Good learning experience in deploying Database Changes to **Cassandra, MongoDB, PostgreSQL, MS SQL Server and MY SQL databases** and **Couch Base**.
* Good understanding of **Openshift** platform in managing **Docker** containers and **Kubernetes** Clusters and Worked on creating the **Docker**containers and **Docker**consoles for managing the application life cycle.
* Experience with **Configuration Management automation tool Ansible** and worked on integrating **Ansible YAML** Scripts and Used **Ansible** tomanage **Web applications,** Environments configuration Files, Users, and Packages.
* Communication with team members for both **Ansible** Core and **Ansible** **Tower** teams to clarify requirements and overcome obstacles and Maintained high availability clustered and standalone server environments and refined automation components with scripting and configuration management and **Terraform** scripts.
* Working experience in Configured and Integrated the Servers with different environments to automatically provisioning and creating new machines using Configuration management/provisioning tools like **CHEF** and **Ansible**.
* Automated deployments through configuration management using **Chef** and tested **chef** cookbook modifications on **AWS** cloud instances using Test Kitchen and **Chef** Spec and Used **Chef** toautomate **Configuration management**& Applications and managed **Web Applications, Config Files, Data Base**, Commands, Users Mount Points, and Packages.
* Experience on Installing, Configuring, Administration and troubleshooting for **VMware ESXI** 6.0, 6.5 servers. **HA, DRS, VMotion** and Troubleshooting of Virtual Center.Experience in migrating **P2V, V2V** using VMotion by creating **Snapshots**, Cloning, Cold Migrations and Hot Migrations.
* Experienced Used ELK (Elasticsearch, Logstash and kibana) for name search pattern for a customer.
* Ability to code and script in **Shell** and **Python**. Experience with systems and **IT** operations, monitoring operations is involved.
* Installation of **Splunk** Enterprise, **Splunk** forwarded, **Splunk** Indexer, Apps in multiple servers (Windows and linux) and Configure the adds-on app **SSO** Integration for user authentication and Single Sign-on in **Splunk** Web.
* Managing the in-house monitoring tool **VCMS**, hands on experience with **Splunk, Zabbix and Icinga for Resource Monitoring/Network Monitoring/Log Trace Monitoring.**

**TECHNICAL SKILLS**

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| --- | --- |
| **Operating System** | RHEL 5.x/6.x/7, CentOS 5.x/6.x/7, Ubuntu/Debian/Fedora, Solaris 7/8/9/10, Windows Server 2003/2008/2012 |
| **Application Server** | IBM WebSphere Application Server 8.x/7.x/6.x/, Apache Tomcat 6.x/7.x and JBOSS AS 6.x/7.x |
| **Cloud** | AWS, Azure |
| **Databases**  | SQL Server 2008, Oracle, DB2 and MySQL |
| **Protocols** | HTTP, HTTPS, LAN, WAN, IPv4/v6, TCP/IP, UDP& Telnet. |
| **Tools** | Ansible, Chef, Puppet, Splunk, Nagios, Jenkins/Hudson Ant, Maven, vSphere, DevOps, vCenter |
| **Version Control** | CVS, SVN, TFS, GIT |

**EDUCATION**

Bachelors of Engineering in Computer Science from JNTU, Hyderabad, INDIA.

**PROFESSIONAL EXPERIENCE**

**QRI (Gas and petroleum)– Houston, TX July 2020 – Till date**

**Cloud /DevOps Engineer**

* Creating fully automated CI build and deployment infrastructure and processes for multiple projects and Developing scripts for build, deployment, maintenance and related tasks using Jenkins, Docker, Maven, Python and Bash.
* Experience of writing & managing Ansible Scripts& using Linux automated deployments using Ansible.
* Built and managed a large deployment of Ubuntu Linux instances systems with Chef Automation. Wrote recipes, tools, shell scripts and monitoring checks.
* Used Chef to manage Web Applications, Config Files, Database, Commands, Users, Mount Points, and Packages.
* Implemented a Continuous Delivery pipeline with Docker, Jenkins and GitHub and AWS AMI’s.
* Have experience of working with Docker- docker hub, pulling images from docker hub, running containers based on an image, creating Dockerfile to manage customized containers, exposing a container with port redirect, container volume management, docker inspect, docker commit to capture the file changes/settings into a new image and pushing the image to docker hub.
* Automated AWS components like EC2 instances, Security groups, ELB, RDS, IAM through AWS Cloud information templates.
* Experience in designing and deploying AWS Solutions using EC2, S3, and EBS, Elastic Load balancer (ELB), auto-scaling groups and OpsWorks.
* Implemented VPC peering connection to access the entire CIDR block of the peer VPC without any restriction.
* Implemented AWS client API to interact with different services as Console configuration for AWS EC2.
* Used AWS Lambda to manage the servers and run the code in the AWS.
* Experience in creating alarms and notifications for EC2 instances using Cloud Watch and Creating Lambda function to automate snapshot back up on AWS and set up the scheduled backup.
* Used tracking tool JIRA and triaged the issues and maintained bugs using JIRA tool.
* Hands on experience on Azure VPN-Point to Site, Virtual networks, Azure Custom security, end point security and firewall and Experience on IIS, IIS roles, SQL, Active directory.
* Hands on experience on Site-to-site VPNs, Virtual Networks, Network Security Groups, Load balancers, Storage Accounts and Worked on Load balancers (Internal & External), DNS.
* Worked on ADFS and sso - Active Directory Federation Services for on premise and Azure Cloud Active Directory.
* Worked on Storage - Block, Blob, Object, NAS and on ARM RBAC roles.
* Actively worked on deploying VM's, Virtual Networks, Gateways and Next Gen Firewalls and Collaborate to development of main Web Application to provides invoicing emission services, Responsible of web application deployments over cloud services (web and worker roles) on Azure, using VS and PowerShell.
* Hands on experience on Backup and restore Azure services and involved in creating the Azure Services with Azure Virtual Machine.
* Involved in developing the Azure Solution and Services like IaaS and PaaS and Deployed Azure resource manager-based resources.
* Working experience with TFS/VSTS, Jenkins, Git, Jira, Ansible, Docker, ELK, Nexus, Sona Qube, Ansible and Web Services experience with Apache, Nginx, and RESTful APIs.
* Implemented Active Directory in Windows server 2012 and Identifying opportunities to improve infrastructure that effectively and efficiently utilizes Office 365 and the Microsoft Azure Windows server 2008/2012/R2, Microsoft SQL Server, Microsoft Visual Studio, Windows PowerShell, Cloud infrastructure.

**Neudesic (PWC) – Dallas, TX Aug 2019 – April 2020**

**Azure /DevOps Engineer**

* Implementing **Azure DevOps** (build and release pipelines, AZURE Repos, AZURE boards, YAML builds). working on writing ARM(Azure Resource Manager) templates to provisions services in the Azure Cloud.
* Working on different services in **Azure** (Web APP, Resource Group, ASE, Vnet’s, Analytics, Azure Artifacts, SQL Databases, storage accounts, Key vault), **AZURE** message systems (**MQ).**
* Installing and configuring MSSQL Server and SSMS and creating databases in local. And also creating SQL databases in Azure Cloud and writing **PowerShell** scripts to automate the tasks.
* Designed and configured **Azure Virtual Networks** (VNets), subnets, **Azure network settings**, DHCP address blocks, DNS settings, security policies and routing.
* Deployed **Azure IaaS virtual machines** (VMs) and **Cloud services** (PaaS role instances) into secure VNets and subnets, designed VNets and subscriptions to confirm to Azure Network Limits and Exposed Virtual machines and cloud services in the VNets to the Internet using **Azure External Load Balancer**.
* Played a key role in automating the deployments on AWS using **GitHub, Terraform,** **Puppet,** **Chef**and **Jenkins.**
* Used **Bash**and **Python** included **Boto3**to supplement automation provided by **Ansible**and **Terraform**for tasks such as encrypting **EBS volumes**backing **AMIs**and scheduling **Lambda**functions for routine **AWS** tasks**.**
* Extensive experience in setting up the CI/CD pipelines using **Jenkins, Maven, Nexus, GitHub, CHEF, Terraform and AWS.**
* Implemented high availability with **Azure Classic** and **Azure Resource Manager** deployment models and Designed **Network Security Groups** (NSGs) to control inbound and outbound access to network interfaces (NICs), VMs and subnets.
* Implemented the function to send and receive **AMQP**messages on **RabbitMQ**synchronously and asynchronously and send **JMS**message to **Apache ActiveMQ**on the edge device.
* Development of services that utilize the Cloud Foundry and Azure client libraries (SDK) for Java.
* Setup **Azure Virtual Appliances** (VMs) to meet security requirements as software-based appliance functions (firewall, WAN optimization and intrusion detections). Utilized NSGs for layer 4 Access Control List (ACLs) for incoming and outgoing packets.
* Infrastructure design for the ELK Clusters and Used Elasticsearch for powering not only Search but using ELK stack for logging and monitoring our systems end to end Using Beats and Responsible to designing and deploying new ELK clusters.
* Managed IP Forwarding for VMs and role instances acting as virtual appliances. Configured BGP routes to enable ExpressRoute connections between on premise data centers and **Azure** cloud.
* Implemented idea of secret management for **micro services** and creating service and ingress rules for each micro service. Worked on setup the **kubernetes** sandbox on Azure Kubernetes Services (AKS) for testing the different features.
* Handled several **Docker** components like Docker Engine, Hub, Machine, Compose and Docker Registry and experience with Docker container service and Dockized applications by creating Docker images from Docker file and running them to develop the Docker containers and Docker consoles for managing the application life cycle.
* Worked on Continuous Integration System **Jenkins**. Used **Jenkins (CI/CD)** for official nightly build, test and managing change list. Installed Multiple Plugins for smooth build and release build pipelines.
* Worked extensively on automation engine **Ansible** that automates cloud provisioning, configuration management, application deployment, intra-service orchestration, and many other IT needs.

**Charter Communication’s (Spectrum) – Denver, CO May 2018– July 2019**

**DevOps /Systems Engineer**

* Installed, managed and deployed **Linux Red Hat Enterprise, Ubuntu, CentOS** and installation of packages and patches for Red Hat Linux Servers for new Unified environment (TWC, BHN, CHTR merger companies).
* Experience in **maintaining/tuning/upgrading Web sphere / JBoss and Web based applications like Java & Tomcat/Apache.**
* Production support for installation, configuration, management and troubleshooting of applications like **Apache Tomcat.**
* Setting up the new build environment for various products in **Linux environment** implemented Release practice and responsible for pushing builds into **DEV/ QA / SIT / UAT**.
* Automate **build/release** process used for **J2EE** applications using one or more tools / automation framework like **Jenkins (CI/CD).**
* Installed, configure and support technology solutions on **Linux/Unix** platform hosting web and **database** applications, while maintaining security **patches**, antivirus updates, backups, monitoring and performing routine server maintenance.
* Designed rapid deployment method using **Ansible** to auto deploy servers as needed. Building **Ansible** server from scratch and writing **Ansible** playbooks to make configuration changes for deployment of web applications on **JBOSS** application servers hosted on **Linux** and **Unix** platform.
* Involved in standardizing Splunk forwarder deployment, configuration and maintenance across UNIX and Windows platforms and Deployed complex Splunk security apps for security group to manage and monitor infrastructure.
* Provided support for the web servers like Tomcat**, Web logic** or **Web sphere.** Configuration and administration of **Apache Web Server** and **SSL.**
* Installing and configuring Monitoring tools such as (**Splunk, OP5 (SNMP), AppDynamics**).
* Involved in **DevOps** migration/automation processes for build and deploy systems and Implement the Build automation process for all the assigned projects in Vertical Apps domain.
* Evolving new tools/methodologies to improve this existing process and show better results to all stakeholders and Support the code builds by integrating with continuous integration tool **Jenkins**.
* Automated the build and deployment of middleware applications using **uDeploy** and Installed uDeploy server and agents from the scratch and
* Used **Kubernetes** to deployed **Docker** containers into Pod Clusters on multiple Nodes in QA, Test and Production Environments, configured **kubernetes** with Ansible, using Ansible playbooks and Ansible Roles Use Ansible Roles and Playbooks to Add Deal with Cluster Managements on kuberenetsusing Ansible and also manual configuration using **Kubernetes**.
* Refined automation components with scripting and configuration management using **Ansible**. Wrote **Ansible** playbooks from scratch in YAML. Installing, setting up & Troubleshooting **Ansible**, created and automated platform environment setup.
* Worked on **PCF**(pivotal cloud foundry) for the application configuration service to manage all the applications and knowledge on **config server** to manage the configuration between the environments.
* Installed, configure and support technology solutions on **Linux/Unix** platform hosting web and **database** applications, while maintaining security **patches**, antivirus updates, backups, monitoring and performing routine server maintenance.
* Worked with scripting like bash, python and monitoring tools like splunk, Appdynamics and OP5.

**General Motor Finance (GM F) – Arlington, TX Sep 2017 – March 2018**

**Senior System /Cloud Engineer**

* Deployment automation scripting using **Python** and **Ansible** forthe **AWS implementation** of cable and video-on-demand micro-services, as well as **Cassandra** support, and proposed monitoring solutions and Configured **Elastic Load Balancers with EC2** Auto scaling groups, Created multi **AWS VPC** instances.
* Worked as a **CI-CD** (Continuous Integration - Continuous Delivery) Devops engineer to Build, Promote and Deploy **ETL** Informatica Objects using **Jenkins** to migrate the **ETL's** across the repositories using **Nexus** as an **Artifact** repository.
* Used **Jenkins** to Build, Test and publish the project **artifacts**, Implemented Build Per Branch as part of **CI** process to run Sonar for code coverage and run unit and integration tests to help improve the **pipeline** efficiency.
* Installed and Configured the **Nexus repository** manager for sharing the **artifacts** within the company. Maintained and deployed the **artifacts**, used **uDeploy** release build and produce products for testing and use in production.
* Design, integration, deployment and automation of **J2EE** Application servers - **JBoss**, **Tomcat**, **WebSphere** Application Server across the **Window** and **Linux** System.
* Built environment/installation and configurations of **QA** and **PROD** for run time applications, installed WAS**,** configured **JDBC** and **DATA** sources and worked with developers to configure **J2C** connection factories to connect with Enterprise servers.
* Configured **LDAP** to allow users and group to access the WAS admin consoles and test the connection to database is there any errors logged.ran the test harness to process target million accounts as successfully and deployed the **GMF** applications and **IVT** application to verify the all installation correct.
* Experience in developing and deploying the micro services applications in **Pivotal Cloud Foundry** (Paas) cloud platform and CF command line interface.
* Hands on **Pivotal Cloud Foundry** deployments and configurations and Installed **Pivotal Cloud Foundry** on EC2 to manage the containers created by PCF.
* Worked with third party vendor **FICO** team to install licensees and resolve on going issues like Hung **SEP's**(service exceptions).and also started implementing puppet in the existing environment to automate the infrastructure.worked on **IBM MQ** in our current environment creating Queues, and uploaded messages as per the different team requirements.
* Automated with **Configuration Management** tool **Ansible** and has worked on integrating Ansible **YAML** Scripts and Used **Ansible to manage Web applications,** Environments configuration Files, Users, and Packages.
* Developed an **Ansible** playbook for **Gerrit** and **ELK** cluster, implementing automated deployment and configuration and also Written **Ansible** playbooks to launch and automate **AWS** instances on **AmazonLinux** and **Ubuntu**.
* Worked with **Docker** Management Platform, Leveraged Custom **Docker** Images as Containerized Apps within the **Docker** Engine as Multi Stack Application like **LAMP.** Creating, managing and performing **container** based deployments using **Docker images** containing **Middleware** and Applications together.
* Respond to notifications and alerts regarding system applications and troubleshoot **issues related to those applications.**Test out newly built micro services on set-top boxes to ensure they are performing correctly.
* Performed **Splunk** administration tasks such as installing, configuring, monitoring and tuning and **Splunk** configuration that involves different web application and batch, create Saved search and summary.
* Worked with **JIRA** for creating Projects, assigning permissions to users and groups for the projects & Created Mail handlers and notification Schemes for **JIRA.**
* Configuring SharePoint foundation services with **TFS** 2010 and Configure **TFS** environment such that SQL Reporting and SharePoint interact with each other and Creating and documenting branching strategies for new team projects in **TFS** 2012.

**Innovalon – Bowie, MD Nov 2016 – Aug 2017**

**Cloud Engineer/DevOps Engineer**

* Involved in designing and deploying a multitude applications utilizing almost all of the**AWS**stack (including **EC2**, **Route53**, **S3, RDS, Dynamo DB, SNS, SQS, IAM**) focusing on high- availability, fault tolerance, and auto- scaling.
* Automated with **Configuration Management** tool **Ansible** and has worked on integrating Ansible **YAML** Scripts and Used **Ansible to manage Web applications,** Environments configuration Files, Users, and Packages.
* Developed an **Ansible** playbook for **Gerrit** and **ELK** cluster, implementing automated deployment and configuration and also Written **Ansible** playbooks to launch and automate **AWS** instances on **AmazonLinux** and **Ubuntu**.
* Designed rapid deployment method using **Ansible** to auto deploy servers as needed. Building **Ansible** server from scratch and writing **Ansible** playbooks to make configuration changes.
* Worked as a **CI-CD** (Continuous Integration - Continuous Delivery) Devops engineer to Build, Promote and Deploy **ETL** Informatica Objects using **Jenkins** to migrate the **ETL's** across the repositories using **Nexus** as an **Artifact** repository.
* Used **Jenkins** to Build, Test and publish the project **artifacts**, Implemented Build Per Branch as part of **CI** process to run Sonar for code coverage and run unit and integration tests to help improve the **pipeline** efficiency.
* Design and maintenance of the **Subversion**, **GIT/BitBucket,** access control strategies, create branches and manage source code for various applications in **SVN, GIT**and **BitBucket** managed and administered our **SVN** repositories and **Confluence** installations.
* Worked with **Docker,** leveraged custom **Docker** Images as Containerized Apps within **Docker** Engine as Multi Stack Application like **LAMP.** Create, manage and perform **container** deployments using **Docker images** with **Middleware** Applications together.
* Provisioned numerous tool chains for multiple teams including **UrbanCode** Deploy, **Docker**, **GitHub** Enterprise, **Jenkins** and **webhook** integration and Build the **Docker** containers and deploy them into **AWS** container as service using **Elastic beanstalk**. Involved in container based deployments using **Docker**, working with **Docker** images, **Docker** hub and **Docker** registries.
* **Deploy** andsupport **Tomcat/Java** applicationsin **AWS,** Supporteda **multi-datacenter, multi-region Cassandra cluster** for **DVR** metadata in both **AWS** and **VMware** hosted installations.
* Gathers **Vmware vSphere** enterprise server requirements for three large-scale **COOP** efforts including **vSphere6**.**0**, **vCenter6**, **vRealize** Operations 6, and Site Recovery Manager (**SRM**).
* Install, configure and support **Microsoft** solutions on **windows 2008/2012** platform hosting web and **database** applications, while maintaining security **patches**, antivirus updates, backups, monitoring and performing routine server maintenance.
* Understanding of **Splunk** knowledge objects (e.g. fields, lookups, macros, etc. Experience in dashboards and reports performance optimization.
* Worked with **JIRA** for creating Projects, assigning permissions to users and groups for the projects & Created Mail handlers and notification Schemes for **JIRA.**

**AT&T – Bothell, WA Aug 2015 – Oct 2016**

**Build and Release Engineer/ VMware**

* Automated build process with Continuous Integration Tool **Jenkins/Hudson** using **Bash/Perl** and used **Puppet** for Monitoring system and automation.
* Extensively worked with Configured and maintained **Jenkins** to implement the **CI** process and integrated the tool with **Ant** and **Maven** to schedule the builds and worked on **Artifactory and Sonatype Nexus** to upload/download the build artifacts.
* Implemented continuous integration using **Jenkins**. Configured security to **Jenkins** and also added multiple nodes for continuous deployments. Deployed application using **Ant** and **Maven**. Strong understanding of **build.xml** and **pom.xml files.**
* 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 tools **(GIT)** like **tagging, branching, merging, stash, patching and user access control.**
* Automate Application Delivery using **Urban Code Deploy** tool suite and setting up continuous integration and formal builds using **Bamboo** with **Artifactory** repository.
* Implementation Of different Host Profiles for Multiple Clusters across Multiple Data centers and Built the core converged datacenter infrastructure using Vblock and **Vmware** services to support the production environment.
* Worked on live migrations by taking minimum downtime for **P2V** conversions of Windows servers using **Vmware** converter, building **vCenter** 6.0, **ESXi** 6.0 Clusters to maintain redundancy among the chassis as part of the new data center build out plan.
* Creating and deploying a **VMs** in **vCenter** / Deploying a Bare metal server for databases through b **UCS**, Building Virtual Machines, Cloning & Migrating and Adding processors, **RAM**, **NIC**, disks to the **VMs**.
* Managing **Active Directory** issues such as: **Logon Failures, Account Lockouts, Group Policies, Network Connectivity, DNS** and **WINS Name Resolution, Authentication Problems, File** and **Printer Permissions** etc.
* Created **puppet manifests and modules** to automate system operations. Created monitors, alarms and notifications for **EC2** hosts using **CloudWatch.**
* Managed automation scripting in **Python** (core) using **Puppet**to deploy and manage **Java** applications across **Linux** servers. Created and maintained the **Shell/Perl** deployment scripts (**Java/J2EE** projects) for **WebLogic** and **UNIX** servers.
* Redesigned and redeployed **Nagios** implementation, automatically added/removed themselves via **puppet.** Monitor and maintain the automated build and **CI** process to ensure correct build execution and facilitate resolution of build failures using **JIRA.**
* Call support provided 24/7 on **Linux** Production Servers. Responsible for maintaining security on **Redhat** Linux.

**Ocwen financial, India June 2014 – July 2015**

**Linux / VMWare Administrator**

* Contributed support in fixing issuesg related to **Linux**, **Solaris**, **HP-UX** Installation and Maintenance of Hardware in Production and development Environment as an integral part of the **Unix/Linux** Support team.
* Experience in **maintaining/tuning/upgrading Web logic/Web sphere/JBoss and Web based applications like Java & Tomcat/Apache.**
* Implemented Backup and Restore by using procedures like **Ufs dump, Ufs restore, Tar” and “Cpio”.** Help in the process of installing and setting up the software to monitor the customer's server environment.
* Worked on monitoring tool **Zabbix** for administration and maintenance operations on day-to-day basis for company network and systems working on **Linux** and **Solaris** Systems.
* Configured the **NIS, NIS+ and DNS on Red Hat Linux 5.1** and **update NIS maps** andOrganize the **RHN Satellite Servers** incombination with **RHN Proxy Server.**
* Experience in **Shell and Python** scripting to automate system administration jobs. Also implemented and enhanced existing scripts developed in **Shell and Ruby** Managed server on **VMware vSphere, vcenter.**
* Developed deployment workflows in Active Batch utilizing **Java, bash, Python, and Power Shell.** Provided support for the web servers like **IIS**, **Tomcat, Web sphere.** Configuration and administration of **Apache Web Server** and **SSL.**
* Troubleshooting network administration, **IIS** configuration, **DNS setup** and modifications, **firewall rule** sets, local and distributed director, connectivity, and supporting applications.
* Installation and configuration operating system **RedHatEnterprise Linux** in development and test environments almost six levels on **HP** physical servers and Virtual Machines.
* Wrote **shell scripting** for system/application in automate the server task, installing and monitoring applications and data feeding file transfer and log files.
* Worked with Red hat Linux tools like **RPM** to install packages and patches for **Red hat Linux** Server and managed virtualized OS.Used **LVM** for the managements of logical volumes including creation of physical volumes in **Linux**.
* Maintaining security groups assigned to Production and Test **Linux Servers.** Transferred files across the systems on the network using **ftp** and **scp** commands.

**Gamooga Softech PVT ltd. HYD June 2013 – May 2014**

**Linux Systems Administrator**

* Creating volume groups, logical volumes, extending **logical volumes** based on the requirements using **Logical Volume Management (LVM)** commands. Build the Linux **Firewall** for network and implement to secure the network.
* Implemented Web Application Servers like **Oracle, Web Logic** in **Red Hat Linux** environment respectively. Worked on configuring **SSL** certificates in, **Apache, Apache Tomcat**, thread dumps.
* Wrote **Unix/Perl Shell Scripts** for day-to-day system administration activities and **Perl.** Performance tuning and preventive maintenance performed daily **backup**.
* Installed the latest patches for, Oracle on **Red hat Linux servers**, Configured and administered **Send mail, Samba, Squid servers** in Linux environment.
* Resolving **TCP/IP** network access problems for the clients. Implementing Remote System Monitoring with **Sun** Microsystems. Develop, Maintain, update various scripts for services (**start, stop, restart, recycle, cron jobs**) **UNIX** based shell.
* Expertise knowledge of Software Development Life Cycle (**SDLC**) and methodologies like **Agile**/Waterfall software development methodology.
* Troubleshooted network connectivity issues using ping, **netstat, ifconfig, Wireshark**, **tcpdump** and trace route commands.