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**Sr. Cloud / DevOps Engineer**

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# Professional Summary:

Senior Cloud & DevOps professional with about 7 years of experience comprising of Linux and System Administration with major focus on AWS, Azure, OpenStack, Continuous Integration, Continuous Deployment, Configuration Management, Build/release Management and Virtualization technologies.

* Expertise in migrating the existing v1 (Classic) **Azure infrastructure** into v2 (ARM), scripting and templating the whole end to end process as much as possible so that it is customizable for each area being migrated.
* Hands on experience on Backup and restore **Azure** services. Designed and configured Azure Virtual Networks (VNets), Subnets, Azure network settings, DHCP address blocks, DNS settings, security policies and routing.
* Hands on experience with **AWS**solutions using **CloudFormation Templates** and launch configurations to automate repeatable provisioning of AWS resources for applications.
* Used Amazon ECS as a container management service to run microservices on a managed cluster of EC2 instances. Implemented **Amazon API Gateway** to manage, as an entry point for all the API's.
* Knowledge on **SaaS**, **PaaS** and **IaaS** concepts of cloud computing architecture and Implementation using **AWS**, **OpenStack, OpenShift, Pivotal Cloud Foundry (PCF)** and **Azure**.
* Expertise in designing the Google Cloud architecture by following the financial regulations from security point of view. Expertise in several GCP service focusing on Security, **Kubernetes** and Biq Query.
* Expertise in deep development/enhancement of **OpenStack** components such as **Nova, neutron, designate, Cinder, Swift, Image, Horizon & Identity,** and **Ceilometer**.
* Managed Google BigQuery instance for the data warehouse, using Google Data Prep and Google storage as the staging platform. Deployed the application using Google App Engine.
* Responsible for building scalable distributed data solutions in both batch and streaming mode on Google BigQuery using Kafka, Spark and Core Java.
* Converted existing **Terraform** modules that had version conflicts to utilize CloudFormation templates during deployments, worked with Terraform to create stacks in AWS, and updated the Terraform scripts based on the requirement on regular basis.
* Expertise in integrating **Terraform with Ansible**, **Packer** to create and **Version the AWS Infrastructure**, designing, automating, implementing and sustainment of Amazon machine images (AMI) across the **AWS Cloud environment.**
* **Experience with setting up Chef Infrastructure, bootstrapping nodes, creating, and uploading recipes, node convergence in Chef SCM.**Experience in using **Chef** for server provisioning and infrastructure automation, release automation and deployment automation, Configure files, commands, and packages.
* Experienced in branching, tagging and maintaining the version across the environments using **SCM** tools like **Git**, **GitHub**, **GitLab**, **Bitbucket**, **Subversion** (SVN), **Perforce** and **TFS** on Linux and Windows platforms.
* Experience on **Ansible** and **Ansible Tower** to automate repetitive tasks, to deploy critical applications quickly, and proactively manage the changes and **wrote** many **playbooks**in **YAML**language to manage Web servers.
* Experience in creating **PuppetManifests**&**Modules** to automate system operations. Installed configurations of **Puppet Agent**, **Puppet Master** and deployed **Puppet Dashboard**, **Puppet DB** for configuration management to existing infrastructure.
* Experience in designing and deploying container-based production clusters using **Docker, Kubernetes, Docker Swarm, Docker compose, Dockerfile, OpenShift**, **EKS** and **AKS.**
* Experience in the orchestration of **Docker Containers** using **Kubernetes** by creating whole master and worker nodes. Installed **GlusterFS** on-top of **Kubernetes** for dynamic PVC provisioning.
* Experience in Building and deploying the application code using **CLI** of **Kubernetes** called **kubectl**, **kubelet**, **kubeadm, Kubespray** and Schedule the jobs using **Kube-scheduler, Kube proxy**. Managed **K8s** using **Helm charts** and created reproducible builds of the **Kubernetes** applications.
* Experienced in **OpenShift**and **Rancher**platform in managing Docker Containers, Kubernetes Clusters and implemented a production ready, load balanced, highly available, fault-tolerant**Kubernetes** infrastructure and created **Jenkins jobs** to deploy applications to **Kubernetes Cluster**.
* Deployed and Managed Clusters with multiple nodes using **HiveMQ**and had a deep analysis on the **Inbound publish messages** and **Outbound publish messages**.
* Expert in an Orchestration & Migration of **CI/CD** processes using **CloudFormation**, **Terraform** Templates & Containerization of Infrastructure using **Docker**, which was set up in **Vagrant**, **AWS**, and **VPC**’s.
* Experienced in building**Jenkins pipelines** to drive all **Microservices** builds out to the **Docker registry** and then deployed to **Kubernetes**.
* Experience in writing **Jenkins** Pipeline**Groovy Scripts** for Continuous Integration and builtworkflowsalso used **Jenkins** for uploading Artifacts into the **Artifactory** and automated various day-to-day administration task by developing **Bash, Ruby, JSON, Perl, Go**  and **Python** Scripts.
* Experienced in authoring **pom.xml, build.xml** files performing releases with the **Maven**, **ANT** and **Gradle** release plugin, and managing artifacts in **sonatypeNEXUS**, **JFrog Artifactory**.
* Experienced in branching, tagging and maintaining the version across the environments using **SCM** tools like **Git**, **GitHub**, **GitLab**, **Bitbucket**, **Subversion** (SVN), **Perforce** and **TFS** on Linux and Windows platforms.
* Skilled in monitoring servers using **Nagios**, **Splunk**, **Prometheus**,**Grafana,Dynatrace, Datadog**, **AppDynamics**, **New Relic**, and **CloudWatch**for Resource & Network Monitoring and**ELK, EFK** for Log Trace Monitoring.
* Experience in defect management systems **Remedy**, **JIRA**, **Service now** and Knowledge of testing frameworks **Junit**, **Selenium**big data components **Kafka, Hadoop, Spark.**
* Expertise in working with web servers such as **Apache HTTP server**, **NGINX, Apache TOMCAT**, application servers such as Oracle WebLogic 9.x/10.x, IBM WebSphere 6.x/7.x/8.x, JBoss 4.1 and databases like **Oracle, MySQL, MongoDB, DynamoDB, PostgreSQL, Cassandra.**
* Experience in **LDAP** authentication and set up external authentication using **WSO2IS, OKTA**, **Active Directory** and **IPA** servers and monitored **CRON** jobs that were scheduled by the development team. Managed network related services like **TCP/IP**, **FTP**, **SSH**, **DNS**, **VPN**, **SMTP**, **DHCP**& other Network Services.
* Experience in provisioning for Adobe Experience Manager(**AEM**) and installing **RHEL**, **JDK**, **JBOSS**, configuring **JVM** parameter, replication agents, flush agents for Author, Publisher and Dispatcher.
* Experience in designing, installing and implementing **VMwareVSphere ESX** 3.5 &**ESXi** 4.1/5.0/5.1/5.5 U2, **VMware VCenter**, setting up **V-Motion**, **HA**, **DRS**, and related **VMware** products such as **VM Workstation**, **VMware** converter as a part of Virtualization of the environment.
* Experience in all phases of the Software development life cycle (**SDLC**) with focus on the build and release of the quality software.In-depth understanding of the principles and best practices of Software Configuration Management in **Waterfall model** and **Agile Methodology** (**Scrum** and **Kanban**).

**TECHNICAL SKILLS:**

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| --- | --- |
| **Cloud** | Amazon Web Services , Microsoft Azure, OpenStack. |
| **Certifications** | MS AZ400, AWS CSA-Associate |
| **Version Control Tools** | GIT, GITHUB, SVN, Perforce, Bitbucket. |
| **Container Tools** | Docker, Docker Compose, Kubernetes, OpenShift. |
| **Deployment Tools** | Puppet, Chef, Ansible. |
| **Web/Application Servers** | JBOSS 4.x/5.x, Apache Tomcat, Nginx, Ingress Controller, Web Sphere, Web Logic, |
| **Monitoring Tools** | Nagios, Splunk, Dynatrace, ELK, EFK, Datadog, Grafana, Prometheus |
| **Testing & Ticketing Tools** | Selenium, SonarQube, Jira, ServiceNow, Junit, Jmeter |
| **CI & Build Tools** | Bamboo, Hudson, Jenkins, Maven, Ant, Gradle. |
| **Scripting Languages** | Bash/Shell, Ruby, Python, PHP, Perl, JavaScript, PowerShell, JSON, Groovy, YAML. |
| **Languages** | C, C++, C#, .Net, Java |
| **Database** | My SQL, Oracle, Dynamo DB, Mongo DB, Cassandra. |
| **Repository Management** | Nexus, JfrogArtifactory |
| **Virtualization** | VMware ESX/ESXi, Windows Hyper-V, Power VM, Vagrant, Virtual box. |
| **Operating System** | Linux, Windows Mac OS. |
| **Networking/protocol** | TCP/IP, DNS, NFS, ICMP, SMTP, DHCP, OSPF, BGP, UDP, and RIP. |

**PROFESSIONAL EXPERIENCE:**

# Sr. Cloud/DevOps Engineer

**Medline Industries, Chicago, IL March 2018 –Present**

**Responsibilities:**

* Designing, Planning and creating **Azure** virtual machines, and managing virtual networking within Azure to connect into on-premises environments, and migration of on-premise to Windows **Azure** using Azure Site Recovery and Azure backups.
* Create clusters in **Google Cloud** and manage the clusters using **Kubernetes(k8s).** Using **Jenkins** to deploy code to Google Cloud, create new namespaces, creating **docker** images and pushing them to container registry of Google Cloud.
* Developed workflow in **Azkaban** to automate the tasks of creating **DataProc Cluster**, loading data in Google Storage and consolidating data **in BigQuery** table using standard **SQL.**
* Implemented Automation scripts in python, jinja and bash to deploy and manage **GCP** services like **Custom VPC**, **VPN, Subnets, Stack driver etc.**
* Executed the automation from commit to deployment directly into **Azure VM** by implementing a **CI/CD pipeline** with the help of **Jenkins** and **Chef**. Setting up **Chef Infra**, bootstrapping nodes, creating and uploading **recipes**, node **convergence** in **Chef** SCM**.**
* Configured **Azure Virtual Networks**, subnets, **DHCP** address blocks, Azure network settings, **DNS** settings, security policies and routing. Also, deployed **AzureIaaS** virtual machines and Cloud services (**PaaS** role instances) into secure **Virtual Networks** and **Subnets.**
* Design and Implementation of **Azure** Site Recovery in both Disaster Recovery Scenario and for migrating the workloads from On-Premise to **Azure**. Disaster Recover (DR) plan using Traffic Manager configuration.
* Provided technical direction to allow Active Directory on-Prem group to populate users. Setup of Multi-Factor Authentication between the **Azure** and Ping Federated with AD on-prem passwords.
* Created a visual studio solution to define Infrastructure as Code (IaC) using **Azure ARM templates**. Also Build, deploy and migrate infrastructure to Azure utilizing **ARM templates** and some **Terraform.** Work with VSTS to create all-inclusive CI/CD process
* Created **Terraform** scripts to launch the platform common services like **CI/CD** tool **JENKINS**, Configuration Management Tool **Chef**, Secrets management tool **Vault.**
* Used **Azure Terraform** to deploy the infrastructure necessary to create development, test, and production environments.
* Used **Terraform** to write IAC (Infrastructure as a code) to build Development and Production environment in **Azure Cloud.**
* Set up **Kubernetes** (k8s) **Clusters** for running **microservices** and Pushed **microservices** into production with **Kubernetes** backed Infrastructure. Development of automation of **Kubernetes** clusters via playbooks in **Ansible**.
* Used **Kubernetes** to deploy scale, load balance, scale and manage **Docker** containers with multiple namespace versions.
* Configured **Kubernetes** Replication controllers to allow multiple pods such as **Jenkins** master server in multiple minions. Managed Kubernetes charts using **Helm**, managed **Kubernetesmanifest** files and created reproducible builds of the Kubernetes application.
* Used **Ansible and Ansible Tower** as Configuration management tool, to automate repetitive tasks, quickly deploys critical applications, and proactively manages change.
* Worked on writing the **ansible playbooks** for provisioning the **Azure VM's** using the resource manager and ansible **python SDK**. Created the **Azure** storage accounts, **VNET's**, **Subnets**, assigned the public IP, Altered the security groups, NIC's and Azure VM's for internal applications using **Ansible playbooks**.
* Written **Ansible Playbooks** with **Python SSH** as the Wrapper to **Manage Configurations** of **Azure Nodes** and Test Playbooks on **Azure instances** using **Python SDK** and Automated various infrastructure activities like continuous deployment, application server setup, stack monitoring using **Ansible playbooks**.
* Configuration Automation and Centralized Management with **Ansible**. Implemented **Ansible** to manage existing servers and **automate** the build/configuration of new servers.
* Integrated **Automated Build** with Deployment Pipeline. Currently installed **Chef Server** and **clients** to pick up the Build from **Jenkins** **repository** and deploy in target environments (**Integration, QA, and Production).**
* Configured applications that run **multi-container Docker** applications by utilizing the **Docker-Compose** tool which uses a file configured in **YAML** format. Used **Kubernetes** to manage containerized applications using its nodes, Config-Maps, selector, Services and deployed application containers as Pods.
* Setup **Docker** to automate container deployment through **Jenkins** and Dealt with **DockerHub**, making **DockerImages** and taking care of various Images essentially for middleware establishments.
* Used **Docker** for successful setup of Dev & Test environment for Developers and Testers by using **Docker Build**&**Docker Compose**.
* Used **Docker swarm** and **Kubernetes** for container orchestration and spin up them by writing Docker files and setting up the automated build on **Docker HUB**.
* To achieve Continuous Delivery goal on high scalable environment, used **Docker**coupled with load-balancing tool **Nginx**.
* Developed and Modified **Chef Cookbooks** as **Light Weight Resources Provider(LWRP).** Expertise in deploying applications in Web Servers and DB Servers using tools like **Chef and Ansible**.
* Installing and configuring **Jenkins** master and slave nodes. Built CI/CD pipeline and managing the infrastructure as code using **chef.**
* Scheduled the **Linux** Cron jobs and **Jenkins** jobs for build automation. Developed **Perl** and **shell scripts** for automation of the build and release process & to perform deployments to **JBOSS and Tomcat Web servers**.
* Developed **Power shell** scripts to automate web application servers and automation of the build and release process and to automate certain processes for the smooth process of build tool like **Maven**.
* Coordinated developers with establishing and applying appropriate branching, labelling/naming Conventions using **GIT** source control.
* Maintained **Splunk** dashboards and associated charts, graphs, and drilldowns to enable managers, administrators, users and analysts to maximize the utility of the Splunk platform and applications.
* Worked on **Splunk** ITSI scales to collect and index terabytes of real-time and historical events and metrics, that are both human and machine- generated, across multi-datacenter and cloud-based infrastructures.

**Environment:** Azure, PCF, Office 365, Terraform, Maven, Jenkins, Chef, Ansible, Docker, Kubernetes, Git, PowerShell, Apache-Tomcat server, Jira, AEM, RHEL, ELK, PowerShell script work, python script.

**Cloud/DevOps Engineer**

**PayPal, CA march 2018– april 2019**

**Responsibilities:**

* Developed and supported key pieces of the company's **AWS** cloud infrastructure. Built and managed a large deployment of **Ubuntu** Linux instances systems with Opscode.
* Provisioning of infrastructure for our environments building **AWS** CloudFormation stacks from the resources **VPC, EC2, S3, RDS, Dynamo DB, IAM, EBS, Route53, SNS, SES, SQS, CloudWatch, Security Group, Auto Scale**.
* Creating NAT and Proxy instances in AWS and manage route tables, **EIP's** and **NACLs**. Configuring of **Virtual Private Cloud (VPC)** with networking of subnets containing servers.
* Wrote **Chef** Cookbooks for various DB configurations to modularize and optimize end product configuration, converting production support scripts to **Chef** Recipes and **AWS** server provisioning using Chef Recipes.
* Performed development and version control of **Chef** Cookbooks, testing of Cookbooks using Test Kitchen and running recipes on nodes managed by on-premise Chef Server.
* Worked with **CHEF** ohai plugin, chef handlers, push jobs and exposure to chef supermarket to leverage the existing cookbooks for quick automation of general deployment and Infrastructure tasks.
* Integrated **SonarQube** with **Jenkins** using **Maven** to get the Quality Analysis for all the Projects pre-deployment. Discussed the report with Developers to explain the SonarQube Report and to help improve code Quality.
* Implemented a Continuous Delivery pipeline with **Docker**, **Jenkins** and **GitHub**. Responsible for installation & configuration of **Jenkins** to support various **Java builds** and Jenkins plugins to automate continuous builds and publishing **Docker Images** to the **Nexus Repository**.
* Worked on **Docker engine** and **Docker Machine** environments, to deploy the micro services-oriented environments for scalable applications, **Docker swarm** to host cluster and container scheduling, Docker compose to define multiple container applications.
* Virtualized servers in **Docker** as per test environments and Dev-environments requirements and configured automation using Docker containers.
* Worked on VMware application in **Splunk** to scheduling components that manage data collection tasks for the API data. The Collection Configuration dashboard coordinates the flow of data with the data collection nodes.
* Automated **Java** Builds with **Maven** and Implemented multiple plugins for Code analysis, Junit, Code coverage, PMD, **SonarQube**, etc. Installed and administered Artifactory repository to deploy the artifacts generated by **Maven.**
* Written **shell scripts** with **Bash, Python** to automate tasks like provisioning servers, installing, configuring packages and deploying applications on multiple servers in the Prod & Non-prod environments.
* Worked with **application/database** team to resolve issues for performance Tuning and Management of **Linux** servers.

**Environment:** AWS, GIT, GITHUB, SonarQube, Jenkins, Maven, Nexus, Ansible, Chef, LVM, Splunk, Nagios, DynamoDB, Python, shell scripting, Linux.

**Cloud/DevOps Engineer**

**Temenos India Pvt. Ltd., TN, IN May2016 – Aug 2017**

**Responsibilities:**

* Worked with Amazon AWS Cloud Services**, (EC2, S3, EBS, ELB, Cloud Watch, Elastic IP, RDS, SNS, SQS, Glacier, IAM, VPC, Cloud Formation, Route53)** and managing security groups on AWS, focusing on **high-availability, fault tolerance, and auto-scaling.**
* Used **AWS CLI** and perform **automation** to build test clusters using **Shell scripting**.
* Monitored and maintained the **AWSS3buckets** which contained all the packets of each build. Each packet had metadata files which were extracted to proceed with the flash testing.
* Configured and maintained the **AWS Lambda function** to trigger when there is a **Jenkins** build kicked off, which internally gets stored on **AWS S3 bucket** for everybody to access. Created **Route53** to route traffic between different regions. Worked with**Security groups**&**Network ACLs.**
* Managed data warehouse using **Amazon RedShift** to analyze all data using **SQL**& existing business intelligence tools. Converted existing **AWS** infrastructure to **Serverless Appplication ModelArchitecture** (**AWSLambda, Kinesis**) deployed via **Terraform**&**AWSCloud formation template** written in **YAML** language**.**
* Also used **SAMCLI**for building, managing and configuring **serverless applications** on AWS.
* Design and implemented **Terraform** modules for infrastructure deployments. Created **Kubernetesclusters** using Terraform.
* Integrated AWS **Dynamo DB** using AWS lambda to store the values the items and backup the Dynamo DB streams and implemented **Terraform** modules for deployment of applications across multiple cloud providers.
* Configured **AWSIdentity and Access Management** (**IAM**) Groups and Users for improved login authentication. Provided policies to groups using policy generator and set different permissions based on the requirement along with providing **Amazon Resource Name** (**ARN**).
* Involved in Developing a Restful service using **Python Django** framework and created an entire application using **MySQL, and Linux**.  Implemented **SQL Alchemy (ORM)** which is a **Python library** for complete access over **SQL** as Python objects.
* Worked on creation of custom **Docker container images**, tagging and pushing the images to the **Docker repository** for further use and managed a Docker deployment pipeline for custom application images in the cloud using **Jenkins**.
* Used Docker images on **AWSEKS**- **Elastic Kubernetes Service** and provide scalable **container** service. Configured the **Pod**(definition) for deciding on the count of containers.
* Dealt with **HiveMQbroker** and **HiveMQ clients** for cluster management and IOT data transfer via publish and subscribe model architecture of **HiveMQ**.
* Installed and used **Chef** Server enterprise on-premise, workstation and bootstrapped the nodes using **Knife** command. Created various **Roles**& **Environments**& used **Chef Handlers** for auto kick-off requirement jobs.
* Implemented **ChefRecipes** for Deployment on build on internal Data Centre Servers. Also re-used and modified same Chef **Recipes** to create a Deployment directly into **Amazon EC2** instances.
* Deployed & configured **Chef server**&**Chef solo** including bootstrapping of client nodes for provisioning; Managed & configured hundreds of servers using **Chef**. Written several **Chef Cookbooks** &**Recipes** with **Ruby** scripting to automate the installation of **WebLogic** domain &**JDK** & customized **Recipes** from **Chef Supermarket** to align.
* Created and Maintained **Chef Recipes** and **cookbooks** to simplify and expedite deployment of applications and mitigate user error. Migration of all nodes from **chef** configuration system to **Ansible**system**.**
* Deeper experience in **Host inventory** and **Playbooks** in **Ansible**, wrote playbooks written in **YAML** language.
* Wrote **PowerShell** scripts which were integrated and invoked by **Ansible** to configure, manage and shutdown remote machines.
* Developed build used **Maven** as **build tools** and used **CI tools** to kick off the builds move from one environment to other environments. Working with setting up of **Continuous Integration** processes with build, release, and test. Utilized internal tools and **Jenkins** tools to perform and implement Continuous Integration processes.
* Design an **EFK** system to monitor and search enterprise alerts. Installed, configured and managed the **EFK** **Stack** for **Logmanagement** within EC2 / Elastic Load balancer for Elastic Search. Monitored performance of the applications and analyzed log information using **EFK (Elasticsearch, Fluentd, Kibana).**
* Migration of the Source Code from **Perforce** to **Bitbucket**. Responsible for design and maintenance of the **GIT Repositories**, views, and the access control strategies Used sub modules in **GIT** and trained the new users on working with sub modules in **GIT**.
* Developed and scheduled bash shell scripts for various activities (deployed environment verification, running database scripts, file manipulations**.** Worked with different bug tracking tools like **JIRA, IBM Clear Quest**.
* Experience with **Red Hat Linux kernel**, memory upgrades, and swaps area. Installed **RedHat Linux**using **Kickstart**&**Sun Solaris** with**JumpStart**. Configured **DNS, DHCP, NIS, NFS** in **Sun Solaris 8, 9**& other Network Services.
* Supported **300+ Linux servers** in production/stage/development environment. Built and **Configured LINUX Servers** in AWS Cloud Environment.

**Environment:** *AWS (EC2, EBS, S3, VPC, Code Deploy, Code Commit, Elastic search, Lambda, API Gateway, Route 53 (DNS), ECS, CloudFormation, RDS, Dynamo DB, SNS, SES, SQS, IAM, RedShift, Ops Works), Maven, Ansible, Chef, Docker, Kubernetes, OpenStack (kilo/ Juno), Jenkins, GIT, Bit-Bucket, Python, Jira.*

# System Engineer

**CSS Corp, TN,IN April 2015– April 2016**

**Responsibilities:**

* Administered, maintained **RedHat 3.0, 4.0, 5.0**, AS, ES, Troubleshooting Hardware, Operating System Application & Network problems and **performance** issues and Deployed latest patches for, **Linux** and **Application** servers, Performed **RedHat Linux Kernel Tuning**.
* Configured volume groups and logical volumes, extended logical volumes for file system growth needs using **Logical Volume Manager (LVM)** commands.
* Regular Admin Tasks include building **Linux** servers for Production, Development and Test Environments and supported the ones under production.
* Managed **TCP/IP** packets &**DHCP** servers, **resolved TCP/IP** network access problems for the clients and worked with various TCP/IP implementations like **NFSv4, NIS, DNS**, and **DHCP.**
* Monitored System Activities like **CPU, Memory, Disk** and Swap space usage to avoid any performance issues.
* Working with Apache Web servers and managing **JBOSS**, **Apache Tomcat** and **Web Sphere Application** servers.
* Involved in helping others Linux Administrators to deployed Splunk in a **Linux** and windows environment. Troubleshooting and monitoring the machines 24x7.

**Environment:** Microsoft Windows 95/98/2000/XP/2003, Linux, DNS, DHCP, TCP/IP, RIP, FTP, TFTP, Terminal Services, SNMP, SMTP, NFS, Oracle, Db2, JBoss, Splunk.

# Linux Administrator

**Netaxis IT Sollutions Pvt Ltd, TN,IN March 2013 – March 2015 Responsibilities:**

* Day to day duties involved Linux server maintenance and support to developer's team for their issue’s application, tuning, troubleshooting, and software running.
* Installed the latest patches for, **Oracle** on **Red hat Linux servers, Configured** and administered Send mail, Samba, Squid servers in Linux environment
* Set up the **Linux Cron jobs** for automating various build related jobs and application data synchronization jobs.
* Responsible for building of **Linux OS** servers using **kickstart automation application**
* Configured **Kickstart** and **Jumpstart** servers to initiate installation of **RedHat Linux** and **Solaris** on several machines at once.
* Updated previous **LDAP** tools to work with version **of Ruby Rails.**
* Involved in Installing, Configuring and Upgrading of RedHat Linux AS 4/5, Solaris 9/10 operating systems.
* Performed automated installations of Operating System using kickstart for Red Hat Enterprise Linux5/6 and Jumpstart for **Solaris 9/10 Linux.**
* Administered and supported distributions of Linux, including Linux Enterprise Desktop**, SUSE** Linux Enterprise Server, **RedHat** and **Solaris**.
* Install, maintain and upgrade **Drupal** and Word press on **LAMP** stack and Configured **LAMP** Stack on **Unix/Linux** servers.
* Configured the **NIS, NIS+** and DNS **on RedHat Linux 5.1** and update NIS maps and Organize the **RHN Satellite** Servers in combination with RHN Proxy Server.
* Worked on Linux Package installation using **RPM** and **YUM**, provisioned system with **LVM.**
* Developed, customized and build packages on Solaris and rpms on Linux for deployment on various servers through **Software Development Life Cycle.**

**Environments:** Oracle on Red hat Linux, Samba, Squid, RedHat Linux AS 4/5, Solaris 9/10, Linux Enterprise Desktop, SUSE Linux Enterprise Server, RedHat and Solaris, LDAP.