**Sai Srujan **

Sr.Cloud/ DevOps Engineer

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| **PROFESSIONAL SUMMARY** |

Over **7+ years** of IT Professional Experience includes, **Linux** and **System Administration** with a major focus on **DevOps**, **Cloud** technologies, **Continuous Integration/Deployment**, **Configuration Management**, **Source Code Management**, and **Virtualization** technologies which includes Troubleshooting Performance issues.

* Expertise on various **AZURE** services like **Compute (Web Roles, Worker Roles)**, **Caching**, **SQL AZURE**, **NoSQL**, **Network** services, **AZURE Active Directory**, **AZURE Websites**, **Application Insights,** **Power BI**, Internet of Things (**IoT**), Azure **Monitoring**, **Key Vault**, Visual Studio Online (**VSO**), **Storage,** **Data Factory, API Management**, **Scheduling**, Auto **Scaling**, **PowerShell** Automation and other Azure Services.
* Experience in dealing with Windows **Azure** **IaaS-Virtual Networks, Virtual Machines, CloudServices, Express Route, Traffic Manager, VPN, Load Balancing**, **Application Gateways, Auto-Scaling**.
* Experience in provisioning of **IaaS**, **PaaS** Virtual Machines and Web, Worker roles on Microsoft AZURE **Classic** and Azure Resource Manager (**ARM**), Deployed Web applications on Azure using **PowerShell** Workflow.
* Migrated On-premises applications to Cloud and **Cloud orchestration** using **Terraform**, **Cloud Formation** and **Azure Resource Manager**(**ARM**) templates.
* Experience in using Azure **AD** for integrating **SaaS** applications which provides identity and access management and enables users to **single sign-on** to applications directly or discover and launch them from a portal such as **Office 365** or the Azure AD **access panel**.
* Hands on experience in **Architecting** and securing the **Infrastructure** on **AWS** using **EC2, S3, RDS, EBS, VPC, ELB, IAM,** **KMS**, **EMR**, **Cognito**, **API Gateway**, **CloudTrail**, **Cloud Watch**, **SNS, SES,**  **Config**, **AWS** **Kinesis**, **Lambda**, **Network ACLs**, **Security** **Groups**, **Route** **Tables**, **Route53**, **Elastic Beanstalk**, **Redshift** and deploying applications utilizing all these services majorly focusing on **high-availability**, **fault tolerance**, and **Autoscaling** in **AWS CloudFormation.**
* Build servers using **AWS**: Importing **volumes**, launching **EC2**, creating **security groups**, **auto-scaling**, **load balancers**, **Route 53**, **SES** and **SNS** in the defined virtual private connection**.**
* Experience in Managing security groups on **AWS**, focusing on high-availability, fault tolerance, and auto-scaling using **Terraform** templates. Along with Continuous Integration and Continuous Deployment with **AWS Lambda** and **AWS Code Pipeline.**
* Hands on experience in using **CloudFormation template** for reliable provisioning of initial infrastructure (**stacks**) like **IAM** **roles** & **policies**, **S3 buckets** and **bucket** backups on **AWS.**
* Installed, Configured, Managed Monitoring Tools such as **Splunk**, **Nagios** for Resource Monitoring/Network Monitoring/Log Trace Monitoring**.**
* Experience with **Pivotal Cloud Foundry**, **Open Shift**, **Kubernetes** architecture and design, troubleshooting issues with platform components (**PCF**), and developing global or multi-regional deployment models and patterns for large-scale developments and deployments on **Cloud Foundry**, **Open Shift** and **Kubernetes**.
* Experience in Building and deploying the application code using **CLI** of **Kubernetes** like **kubectl**, **kubelet**, **kubeadm, Kubespray** and Schedule the jobs using **kube-scheduler**. Managed **K8s** charts using **Helm** and created reproducible builds of the **Kubernetes** applications.
* Hands on experience in orchestration of **Docker Images** and **Containers** using **Kubernetes** by creating whole master and minion. Installed **artifactory-ha** on-top of **Kubernetes** for dynamic **PVC** provisioning.
* Implementing **kubernetes auth** method to authenticate with **HashiCorp Vault** using a Kubernetes Service Account **Token** then integrates Vault token into a Kubernetes **Pod**.
* Good Knowledge on Docker components like **Docker Engine**, **Docker-Hub**, **Docker-Compose**, **Docker Registry**, Docker container **snapshots** and **Docker Swarm**. Used Docker for local Application Deployment and Vagrant for different infrastructure setup and testing of code.
* Installed and Implemented **Ansible** configuration management system. Used **Ansible** to manage Web applications, Environments configuration Files, Users, Mount points and Packages.
* Good knowledge in managing Sonatype **Nexus/Artifactory** repositories for the maven artifacts and dependencies
* Extensively worked on **Jenkins** by installing, configuring and maintaining the purpose of **Continuous Integration** (CI) and for **End-to-End** automation for all build and deployments implementing **CI/CD** for database using **Jenkins**.
* Extensive experience in installing, configuring and administering **Jenkins** **CI** tool on **Linux** machines. Used Jenkins pipelines to drive all Microservices builds out to the **Docker** **registry** and then deployed to **Kubernetes**, Created Pods and managed using **Kubernetes**.
* Wrote **shell** **scripts** to automate the periodic tasks like removing old logs and files, applying patches and making backup and recovery. Developed **python**, and **shell scripts** for automation of the build and release process.
* Expertise in Installation, Support, Configuration with different flavors of **LINUX RHEL 7/6/5/4**, **CentOS 7/6/5**, **Oracle Linux (OEL) 6.x/5.x**, **Debian**, and **Ubuntu 16/14/13**.
* Installation and configuration of **ELK** stack (Log Management tool) in both legacy and Docker swarm mode.
* Deployed and configured **Elasticsearch**, Logstash and **Kibana** (**ELK**) for log analytics, full text search, application monitoring in integration with **AWS Lambda** and **CloudWatch**.

**TECHNICAL SKILLS**

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| **Database** | MySQL, PostgreSQL, Oracle, Dynamo DB |
| **Scripting/Languages** | Bash/Shell, Python, PowerShell, JSON, Groovy, YAML, C, C++ |
| **CI & Build Tools** | Jenkins, Maven, Ant, Gradle. |
| **Configuration Management & Deployment Tools** | Puppet, Chef, Ansible, Terraform. |
| **Version Control Tools** | GIT, GITHUB, Bitbucket. |
| **Virtualization** | VMware ESX/ESXi, Windows Hyper-V, Power VM, Vagrant, Virtual box. |
| **Container/Orchestration Tools** | Kubernetes, Docker |
| **Cloud** | Amazon Web Services, Microsoft Azure, PCF, OpenStack. |
| **Monitoring & Ticketing Tools** | Nagios, Splunk, Dynatrace, ELK, Datadog, Selenium, SonarQube, Jira, ServiceNow. |
| **Web/Application Servers** | JBOSS 4.x/5.x, Apache Tomcat 5.x/7.x, Web Sphere (4.0, 5.0), Web Logic (8/9/10). |
| **Operating System** | Red Hat Linux 7/6/5/4, Ubuntu 16/14/13/12, Debian, Fedora, CentOS, Windows 10/8/7/Vista/XP, Solaris 11/10/9/8, Mac OS. |
| **Networking/protocol** | TCP/IP, DNS, NFS, ICMP, SMTP, DHCP, OSPF, BGP, UDP and RIP. |

**PROFESSIONAL EXPERIENCE**

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| **Sr.Cloud/DevOps Engineer Oct 2020 – Present****World Fuel Services, Miami, FL** |

* Deployed **Azure** Cloud services (**PaaS** role instances) into secure **VNets**, **subnets** and designed Network Security Groups (**NSG**s) to control Inbound & Outbound access to Network Interfaces (**NIC**s), **VM**s & **subnets**. Created **Azure SQL** database, performed **monitoring** and **restoring** of Azure SQL database. Performed migration of **On-premises** Microsoft SQL server to Azure SQL database.
* Used **Azure Terraform** to deploy the infrastructure to create development, test, and production environments for a software development project. Involved in managing **Private Cloud** and **Hybrid cloud** configurations and practices in Windows **Azure**, **SQL Azure**, **Azure Web** and **Database** deployments. **Upgraded** and **Migrated** web applications to latest **Azure platforms**.
* Worked on various Azure services like **Compute** (**Web Roles, Worker Roles**), **Azure Active Directory**, **Azure Websites**, **Caching, SQL** **Azure**, **NoSQL**, **Storage**, **Network** services, API Management, **Scheduling**, **Auto** **Scaling**, and **Power Shell** Automation.
* Designed AZURE Resource Manager (**ARM**) templates and custom build steps using **PowerShell**. Identified and logged defects in **VSTS** and interacted with developers to prioritize the issues. Handled migration of on-premises applications to the cloud and created resources inside cloud and expert in deploying of **OpenStack** hosted applications on Azure platform and issues related to **RDP** of **Azure Infrastructure**.
* Worked on Upgrading **Cassandra** to a new version and Implemented **Ansible playbook** for automated Orchestration of Cassandra **clusters**.
* Created and troubleshooted **Ansible** scripts and **Kubernetes** YAML files to deploy SCM/CI/CD applications automatically and Idempotently to reduce time costs.
* Designed, installed and implemented the **Ansible** configuration management system and used **Ansible** to manage Webapps, used **Ansible Tower** to automate repetitive tasks and quickly deploy critical applications.Automate the installation of **ELK** agent (file beat) with **Ansible** playbook.
* Wrote several **Ansible playbooks** for the automation that was defined through tasks using **YAML** format and run Ansible Scripts to provision Dev servers. Customized Ansible role for automated deployments of the **Dynatrace** Java Agent for **Glassfish**.
* Implemented cluster services using **Docker** and **Kubernetes** to manage local deployments in **Kubernetes** by building a self-hosted **Kubernetes** **cluster** using **Terraform** and **Ansible** and deploying application containers.
* Worked with **Terraform** Templates to automate the **Azure IaaS** virtual machines using terraform **modules** and deployed virtual machine **scale sets** in production environment.
* Hands on experience in implementing network providers on **Terraform** Clusters to check convergence by installing **Nagios**-compatible plugin. Worked on **Nagios** and **ELK** for server monitoring, also used Net Scalar and monitoring tools like **Nagios** for Load Balancing and Controlling Flow of Traffic.
* Hands on experience in integrating **Jira** with **Dynatrace** to generate Incidents from **Dynatrace** and deployed new Dynatrace architecture at disaster recovery site & automated provisioning repetitive tasks using **Terraform** and **Python.**
* Installed **Jenkins Plugins** for **GIT** Repository, Setup **SCM** Polling for Immediate Build with **Maven** and **Maven Repository** (**Nexus** Artifactory). Maintained build related scripts developed in **shell** for **Maven** builds.
* Installed and administered **Artifactory** repository to deploy the artifacts generated by **Maven** and to store the dependent jars which are used during the build.
* Implementation of Sub-Process Module in **python** to call **UNIX** **shell** commands to verify the file existence.
* Worked in complete **Jenkins** plugins and administration using **Groovy Scripting**, setting up **CI** for new branches, build automation, plugin management and securing **Jenkins** and setting up **master/slave** configurations. Deployed and configured **Git** repositories with **branching**, **forks**, **tagging**, and **notifications**.
* Developed microservice onboarding tools leveraging **Python** and **Jenkins,** allowing for easy creation and maintenance of **build jobs**, **Kubernetes** deploy and services.
* Integrated **Docker** container-based test infrastructure to **Jenkins** CI test flow and set up build environment integrating with **Git** and **Jira** to trigger builds using **Webhooks** and **Slave Machines**.
* Implementing **clusters** using **Kubernetes** and worked on creating **pods**, replication controllers, Name Spaces, deployments, Services, labels, health checks, **Ingress** resources and Controllers by writing **YAML** files. Integrated them using **weave**, **flannel**, **calico SDN networking**.
* Hands on experience on creating several **pods** and services using **Master** and **Minion** architecture of Kubernetes and developed microservice onboarding tools leveraging **Python** allowing for easy creation and maintenance of **build jobs** and **Kubernetes** deploy and services.
* Deployed **Kubernetes clusters** on top of Servers using **KOPS.** Managed local deployments in **Kubernetes,** creating local clusters and deploying application containers. Building/maintaining **docker container clusters** managed by **Kubernetes** and deployed Kubernetes using **helm charts**.
* Worked on Container management using **Docker** by writing **Docker files** and set up the automated build on Docker Hub and written **Docker Compose** file for **multi container** provisioning and **Makefile** file to **build**, **run**, **tag** and **publish** a docker container to **Azure Container Registry**.
* Hands on experience on several **Docker** components like **Docker Engine**, **Docker Hub** and **Docker compose.**
* Involved in **Jira** as defect tracking system and configure various workflows and plug-ins for **Jira** bug/issue tracker.

***Environment:*** *Azure (Web Roles, Worker Roles, SQL Azure, Azure Storage, Azure AD, Resource Groups, Office365, RBAC), Ansible, Docker, Kubernetes, Maven, Jenkins, GIT, Cassandra, Python, Jira, Dynatrace, Terraform.*

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| **Cloud/ DevOps Engineer Sep 2019 – Sep 2020****Volkswagen, Auburn Hills, MI** |

* Designed the data models to be used in data-intensive **AWS Lambda** applications which are aimed to do complex analysis creating analytical reports for **end-to-end traceability**, **lineage**, and definition of Key Business elements from **Aurora**. Downloaded **AWS** Images and installed agent on client computers to automatically backup Images from client workstations and servers to the **AWS ECS** clusters.
* Hands on experience in utilizing **Cloud Watch** to monitor resources such as **EC2**, **Amazon RDS DB** services, **Dynamo DB** tables, **EBS** volumes, to set alarms for notification or automated actions, and to **monitor logs** for a better understanding and operation of the system. Deployed **Python** applications in **AWS EC2** clusters using Code Deploy, Code Pipeline and Code Commit.
* Deployed and configured **Elasticsearch**, **Logstash**, and **Kibana** (**ELK**) for log **analytics**, **full-text search**, application **monitoring** in integration with AWS **Lambda** and **CloudWatch**. Then store that logs and metrics into an **S3 bucket** using Lambda **function**.
* Worked on various **AWS** cloud services like **EC2**, **S3**, **RDS**, **ELB**, **EBS**, **VPC**, **Route53**, **Auto** **scaling** **groups**, **Cloud** **watch**, **Cloud** **Front**, **IAM** for installing **configuring** and **troubleshooting** on various **Amazon** **images** for server migration from physical into cloud.
* Worked with **OpenStack** and **Open Shift cartridge** technologies and tools as well as managed their integration with application. Created and managed **Cinder** volumes in **OpenStack** Cloud.
* Integrated AWS **Dynamo DB** using AWS lambda to store the values of items and backup the **Dynamo DB streams**.
* Migrating Data from a **PostgreSQL** DB Instance to an **Aurora** PostgreSQL DB Cluster by Using an Aurora **Read Replica** by configuring **VPC** security groups to secure network access to the DB cluster and provided highly durable and available data by using **S3** data store, **versioning**, **lifecycle policies**, and create **AMI**s for mission-critical production servers for backup.
* Integrated **Ansible** with **Jenkins** to provide automation, continuous integration through **Jenkins** and Implemented **Jenkins** Workflow and Plugins for repeatable deployments of multi-tier applications, artifacts and services to **Docker**.
* Created **playbooks** for **OpenStack** deployments and bug fixes with **Ansible**. Deployed and tested playbooks in **Docker** containers before pushing changes in **Git**.
* Wrote **Chef Cookbook/Recipes** using **Chef Resources**, **Ruby DSL**, **Chef Handlers Report** and **Exception**, **Test Kitchen**, **ChefSpec** and **Vagrant**.
* Maintained automated environment using **Chef Recipes** & **Cookbooks** within **AWS** and involved in **Knife** and **Chef Bootstrap process**, converted production support scripts to **chef recipes**.
* Hands on experience in provisioning the highly available **EC2** instances using **Terraform** and **CloudFormation** and wrote plugins to support new functionality in **Terraform**.
* Wrote **Terraform** scripts to automate **AWS** services which include Web servers, **ELB**, **Cloud Front** distribution, **Database**, **EC2**, **database security** groups and **S3** bucket.
* Created **terraform** templates for provisioning virtual networks, subnets, VM Scale sets, Load balancers and **NAT** rules and used **terraform** graph to visualize execution plan using the graph command.
* Created additional **Docker Slave Nodes** for **Jenkins** using **custom Docker Images** and pulled them to Cloud. Worked on all major components of Docker like **Docker Daemon**, **Hub**, **Images**, **Registry**, **Swarm**.
* Integrated **Docker** **container**-based test infrastructure to **Jenkins** CI test flow and set up build environment integrating with **Git** and **Jira** to trigger builds using WebHooks and Slave Machines.
* Hands on experience in leveraging **kops** implemented a **Kubernetes** Container Orchestration solution within **AWS** allowing for easy management, creation and recovery of **AWS assets**.
* Implemented **JIRA** to track all issues pertaining to the **software development lifecycle** and Integration of **JIRA** with **Git** repository to track all code changes.
* Used **MAVEN** as a build tool on **Java** projects and written maven **POM** files from scratch for multi-modules projects for the development of build artifacts on the source code.
* Designed an **ELK** (Elastic Logstash Kibana) system to monitor and search enterprise alerts and configured **ELK** stack in conjunction with **AWS** and using Logstash to output data to **AWS S3**. Terminated SSL on to **Nginx** to remove overhead on **API** servers.
* Developed and maintained the continuous integration and deployment systems using **Jenkins**, **Maven**, **JBoss** and **Jfrog** **Artifactory**.

***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, Chef, Ansible, Docker, Kubernetes, Jenkins, GIT, Python, Datadog, Jira.*

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| **DevOps Engineer Jan 2018 – Jun 2019** **Visa, Mumbai, India**  |

* Designed highly available, cost effective and fault tolerant systems using multiple **EC2** instances, **Auto Scaling**, **Elastic** **Load Balancer** and **AMIs**. Implemented AWS solutions using **EC2**, **S3**, **RDS**, **EBS**, **Elastic** **Load** **Balancer**, **Auto** **scaling** **groups** and maintained access to **AWS** resources through users and groups on an **IAM** console.
* Managing a team of DevOps engineer for infrastructure support on **AWS** cloud. Creating **Cloud** **Formation** scripts for hosting software on **AWS** cloud. Automating the installation of software through **Power** **Shell** **scripts.**
* Defined **AWS Security Groups** as virtual firewalls to control the traffic reaching one or more **AWS EC2** instances. Performed the automation deployments using **AWS** by creating the **IAM**s and used the code pipeline plugin to integrate **Jenkins** with **AWS** and created the **EC2** instances to provide the virtual servers.
* Configured **AWS IAM** and **Security Groups** in **Public** and **Private Subnets** in **VPC,** managed **IAM** accounts (with **MFA**) and **IAM** policies to meet security audit & compliance requirements.
* Experience in monitoring the availability & performance of RedHat Linux Servers through tools like **mpstat**, **vmstat**, **iostat**, **netstat** and **nfsstat**.
* Knowledge about **Splunk** architecture and various components (indexer, forwarder, search head, deployment server), Heavy and Universal forwarder, License model. Headed Proof-of-Concepts (POC) on **Splunk** implementation, mentored and guided other team members on Understanding the use case of **Splunk**.
* Hands on experience on writing **Chef Cookbooks** for various **DB** configurations to modularize and optimize product configuration, converting production support scripts to Chef Recipes and **AWS** server provisioning using **Chef Recipes**.
* Tested Chef Cookbook modifications on cloud instances in **AWS** and using **Test Kitchen** and **Chef Spec** and used **Ohai** to collect attributes on a node. Worked on **Chef DK** which takes of care creating **cookbooks** and **recipes**.
* Deployed and managed many servers utilizing both traditional and cloud-oriented providers (**AWS**) with the **Chef** **Platform** and written **cookbooks** for various **DB** configurations to modularize & optimize project configuration.
* Worked in all areas of **Jenkins** setting up CI for new branches, build automation, plugin management and securing **Jenkins** and setting up master/slave configurations.
* Installed **Docker Registry** for local upload and download of **Docker images** and even from **Dockerhub**.
* Worked with **Kubernetes** to manage containerized applications using its **nodes**, **ConfigMaps**, **selector**, **Services** and deployed application containers as **Pods**.
* Building/Maintaining **Docker** container clusters managed by **Kubernetes Linux, Bash, GIT, Docker**, on **GCP**. Utilized **kubernetes** and **docker** for the runtime environment of the **CI/CD** system to build, test deploy.
* Experience with **AWS** instances spanning across Dev, Test and Pre-production and Cloud Automation through Open Source DevOps tools like **Chef**, **Jenkins** & **Docker**.
* Expert in implementing continuous integration and deployment systems using **Jenkins**, **Maven**, **Nexus**, **Ansible**, **Anthill** pro and **Run** **deck.**
* Created and managed **S3** buckets for the **CloudWatch** **logging**, **Artifactory** **repository** and for the Static Webhosting. Generated SSL certificates and installed into the Tomcat **servers** for the secured **HTTPS** protocol.
* Used **Git** for source code version control and integrated with **Jenkins** for **CI/CD** pipeline, code quality tracking and user management with build tools **Maven** and **Ant** and written Maven pom.xml build script.
* Hands on experience in creating jobs, pipelines in **Jenkins** also worked with different **Jenkins** plugins to integrate with different services/tools.
* Strong use of **Shell** scripting languages including **BASH** for **Linux** and **PowerShell** for **Windows** systems.
* Created various **CRON** jobs with **shell**/**bash** scripts to automate the administrative tasks like taking backups, applying updates based on schedule and maintained version control using **GIT** repository.
* Expertise in using build tools like **MAVEN** for the building of deployable artifacts such as war & jar from source code.
* Used Python libraries such as **Paramiko**, **Pycrypto**, **XML** parser and **logging** libraries to develop **automatic** storage, **networking** deployment tool on **scale-out** environment with Linux and **Troposphere** libraries to create AWS Cloud Formation descriptions. Wrote **Puppet** models for installing and managing **java versions** and took the sole responsibility to maintain the **CI Bamboo** server Responsible for automated CI, Scheduled Builds/Emergency Builds and Release using **ANT** scripts for an Enterprise application (**J2EE**) using **Jenkins**
* Included Vulnerability Detection as part of the **CI/CD** workflow using Jenkins Pipelines, SonarQube Quality Gates. Installed **Jenkins**/**Plugins** for **GIT** Repository, Setup SCM Polling for Immediate Build with Maven and Maven Repository.

***Environment:*** *AWS (EC2, S3, Route 53, EBS, Security Group, Auto Scaling, and RDS), GIT, Chef, Maven, Jenkins, ANT, Python, Jira, Nagios.*

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| **Build and Release Engineer Jan 2016 – Dec 2017****OpenText, Banglore, India**  |

* Developing automated process for builds and deployments using **Jenkins** integrating with Sonatype **Nexus**.
* Good at Installation and Configuration of Nexus repository manager for sharing the artifacts within the company and efficient in using **Nexus** and **Artifact** **Repository**.
* Installed and administered repository to deploy the artifacts generated by **ANT** and to store the dependent **jars**, which were used during the build.
* Developed build and deployment scripts using **ANT** as build tool and automated the build and deploy processes using **Jenkins** to move from one environment to other environments.
* Responsible for automated CI, Scheduled Builds/Emergency Builds and Release using **ANT** scripts for an Enterprise application (**J2EE**) using **Jenkins** and Setting up continuous integration and formal builds using Bamboo with Artifactory repository.
* Wrote **Puppet** models for installing and managing **java versions** and took the sole responsibility to maintain the **CI Bamboo** server.
* Involved in creating **Bamboo** pipeline jobs for **Puppet** release process for module deployment, using the Agile methodology for **puppet** development.
* Build automation using **Jenkins** server, Install and configuration of **Jenkins**, **configure** **plugins**, job setup, and **build** **pipeline** and delivery pipeline views.
* Set up **Jenkins** and **Hudson** for Continuous Integration Process. Provided end-user training on Tortoise SVN, **JIRA**, Rally and Asana for enterprise users.
* Deployed and troubleshoot of various **Jenkins** issues. Installed and uninstalled, upgraded and downgraded various plugins in Jenkins. Scheduled the **Linux** **Cron** jobs and **Jenkins** jobs for build automation
* Implementation of **JIRA** to track all issues pertaining to the software development lifecycle and Integration of **JIRA** with repositories such as Subversion and **Git** to track all code changes. Resolved update, merge and password authentication issues in **JIRA**.
* Good at Installation and Configuration of **Nexus** repository manager for sharing the artifacts within the company and efficient in using Nexus and **Artifact** **Repository** managers for **Maven** builds.
* Installing, upgrading and configuring **Linux** Servers using Kickstart as well as manual installations and the recovery of root password.
* Perform day to day **Linux** administration such as user accounts, directory services, file system shares, permissions.
* Used **ANT** build tool for deployment and deploy processes using **Jenkins** to move from one environment to other.
* Implemented zero downtime deployment process in **WebLogic** using **python** and **shell** **script** and automated it using **Jenkins**.
* Implemented Infrastructure automation through **Jenkins**, code deployments, installation and configuration updates.
* Integrated GIT into Jenkins to automate the code check-out process. Adding storage to the cluster disks and increasing/ decreasing the file system in RHEL.

***Environment:*** *RedHat Enterprise Linux, Bamboo, Subversion, Perforce, Nagios, ANT, Python, Puppet, CentOS, Jira, Ubuntu, Kickstart, VMware, TCP/IP, NIS, NFS, DNS, SNMP, VSFTP and DHCP.*

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| **Linux Administrator Apr 2014 – Dec 2015****InfoTech Solutions, Hyderabad, India**  |

* Installed, Configured and Managed **RedHat Enterprise Linux 5.x**, Windows Server **2003 Active Directory**, Servers like **WebSphere** and Web servers like Web Logic, **Apache**, **HTTP** and **Tomcat.**
* Created and maintained the **Shell**, **Python** deployment scripts for **Tomcat** web application servers.
* Designed and implemented configuration Management requirements and tooling for **java(J2EE)** and Python based applications.
* Experience in installing, integrating, tuning and troubleshooting **Apache** and **WebLogic** application server. Supported developers for **Java** based Web Applications.
* Responsible for Building and configuring Redhat Enterprise **Linux** systems over the network, implementing automated tasks through **crontab**, resolving tickets according to the priority basis.
* Responsible for maintenance of development tools and utilities and to maintain **shell**, **Perl** automation **Scripts**.
* Performed Administrative and Management tasks using shell Scripts written in Bash, Python, C Shell and CRON tab in **Linux** to automate the tasks.
* Monitoring system **resources**, **logs**, disk usage, **scheduling** **backups** and **restore**.
* Adding servers to domain and managing the groups and user in Active Directory, installing and configuring **send** **mail.**
* Performed host security on servers and hardening to change sshd\_config file to disable remote root access and written **shell** scripts to run batch jobs using cron.
* Installing Red Hat Linux using **kick-start** and applying security policies for hardening the server based on the company policies.
* Configured and maintained common Linux applications such as Apache, active, **NFS, DHCP, BIND, SSH, and SNMP**.
* Created local, virtual repositories in **JFrog** **Artifactory** and integrated with **Jenkins**.
* Worked in setting up **LDAP**, **DNS**, **DHCP** Server along with effective group and System Level policies and roaming profile features by using **Samba** and **NFS** servers.

***Environment:*** *RedHat Enterprise Linux 5.x, YUM, User and Group management, Bash, Firewall, Apache, Volume Groups, LVM, NFS, FTP, SAMBA, SSH, DHCP, DNS, VERITAS Cluster Server (VCS), Windows Server 2003 Active Directory, Kickstart server, TCP/IP, IP addressing & Subnetting, routing.*