**Shirish Reddy**

**AWS DevOps Engineer**

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**Professional Summary:**

* 11+ years of experience as a SCM, Environment Management, AWS Devops, Site Reliability and Build/Release, Deployment, “DevOps” Engineer specializing in implementing continuous delivery for modern software and infrastructure stacks.
* Experience in various programming and scripting languages especially Shell and Python scripting with focus on DevOps tools, CI/CD and performed configuration, deployment and support of cloud services on AWS Cloud Architecture.
* Expertise in Implementing Continuous Delivery and Deployment with Docker to deploy the applications as a containers.
* Experience in designing, implementing, and managing Kubernetes clusters and Openshift environments.
* Experience with Kubernetes to orchestrate the deployment, scaling and management of Docker Containers.
* Strong experience in containerizing applications using Docker for deployment on Kubernetes.
* Performed integration of Code Quality Analysis Techniques like Check styles, Find Bugs, Nunit, JUnit, with CI tool Jenkins.
* Hands-on experience on Chef and Ansible as Configuration management tool, to automate repetitive tasks, quickly deploys critical applications, and proactively manages change.
* In-depth knowledge of computer applications and scriptinglike**Shell, Python, Perl, Ruby.**
* Hands on experience in AWS provisioning and in depth knowledge of AWS services like EC2, S3, Glacier, ELB, EBS, RDS, and Cloud Formation.
* Experience with creation and administration of virtual machines on VM Ware and Infrastructure.
* Good experience in automated Build technologies including Ant, Gradle, Maven.
* Experience with Bug tracking tool like Remedy, JIRA, and Rally.
* Experience working in both Waterfall and Agile methodologies.
* Expert in deploying the code through web application servers like Web Sphere/Web Logic/ Apache Tomcat.
* Experience with creation and administration of virtual machines on VM Ware ESXi and Infrastructure.
* Good experience in Java Programming and application development using Java/J2EE technologies like Servlets, JSP, JDBC, JNDI, JMS, Open-source frameworks like Struts 1.3/2, Spring, Hibernate, AWS, SOAP/Rest web services, angular JS and JSF.
* Ability in managing all aspects of the software configuration management process including code compilation, packaging / deployment.
* Experience in system administration and installation, configuration, backup, maintenance, and support of Several Unix/Linux Servers.
* Experience in creating and maintaining the Requirements documents that included Business Requirements and Functional requirements.
* Has the motivation to take independent responsibilities and ability to adapt to new latest technologies & work in multi-platform environment.

**Technical Skills**

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| --- | --- |
| Operating Systems | Windows, UNIX, LINUX, Redhat |
| Source control tools | Subversion, TFS, GIT and Bit bucket |
| Build Tools | ANT, MAVEN |
| Continuous Integration | Jenkins, Hudson, Bamboo, TeamCity |
| Continuous Delivery | Ansible, Puppet, Chef, BMC BladeLogic |
| Repositories | Nexus, Artifactory |
| Languages | Python, Java/J2EE |
| Cloud | Amazon Web Services, Azure |
| Scripting | Perl scripting, Shell scripting, Power Shell, Bash |
| Virtualization Tools | Docker, Kubernetes |
| Tracking tools | JIRA, Remedy, BugZilla, Junit |
| Monitoring Tools | Splunk, Nagios |
| Web servers | Web logic, Web Sphere, Apache Tomcat, JBOSS |
| Databases | ORACLE, SQL SERVER, MY SQL, DB2 |

**Professional Experience:**

**National Institutes of Health (NIAMS), Frisco, TX Sep’23 – Present**

**Sr. AWS Cloud Engineer**

**Responsibilities:**

* Worked as Devops and Cloud engineer in Automating, Configuring and Deploying instances on AWS cloud environments.
* Responsible for maintaining and expanding AWS infrastructure using AWS stack especially worked with database setup and maintenance on AWS EC2 and migrated applications from customer on premises datacenter to the cloud. • Created monitors, alarms, and notifications for EC2 hosts using cloudwatch.
* Maintenance of source code in Git and branching, creating labels, merging of codes on Git for QA testing and release.
* Integrating Jenkins with GitHub for continuous integration and deployment of the code by enabling Git hooks, the build jobs are automatically created once the changes are made to the code by dev team.
* Implemented a Jenkins pipeline to replace MQ servers with AWS SQS Queues and wrote groovy script for Jenkins pipeline job.
* Used Jenkins for deployment into Tomcat application server.
* Managed Dependency Management within the teams by installing and configuring Nexus Repository Manager.
* Worked on using Maven as build tools on java projects for the development of build artifacts on the source code.
* Developed installer scripts using Maven and worked on pom.xml files for Maven build scripts.
* Used Ansible tower to auto deploy servers rapidly as per the requirement and implemented and designed AWS virtual servers by Ansible roles to ensure deployment of web applications.
* Worked on creating roles to roll out configurations to different environments and created playbooks for AWS deployments and bug fixes with Ansible.
* Maintained high availability clustered and standalone server environments and refined automation components with scripting and configuration management using Ansible.
* Worked on build scripts and automated solutions using various scripting languages like Python, Ruby, YAML.
* Worked on to setup Docker to automate container deployment through Jenkins and worked on Docker container to create Docker images for different environments.
* Developed Docker images using a Docker file and Docker container snapshots and managing Docker volumes also deployed Docker swarm using Ansible.
* Worked in using kubernetes for container management that runs Docker containerized applications in a cluster of EC2 instances in Linux environment.
* Converted existing terraform modules that had version conflicts to utilize cloud formation during terraform deployments to enable more control on missing capabilities.

Environment**:** AWS, Jenkins, Ansible, AWS, Docker, kubernetes, HCP Vault, Terraform, Cloud Watch, YAML, Ruby, Python, Shell Scripting, Maven, Git, Github, Jira, MySQL, Web Sphere, Windows, Linux

**Verizon, Irving, TX May’22 – Aug’23**

**Sr.AWS Devops Engineer**

**Responsibilities:**

* Developed, tested, monitored, and implemented new microservices, configured and maintained pipeline framework, tested all framework components.
* Led the migration of on-premise infrastructure to AWS Cloud for a manufacturing company.
* Designed and implemented a scalable and fault-tolerant architecture using AWS services.
* Integrated on-premise ERP system with AWS cloud services.
* Utilized primary AWS services such as MGN, EC2, ELB, VPC, Route53, S3, and monitoring tools to migrate infrastructure.
* Integrated AWS cloud services with on-premise technologies from Microsoft, IBM, Oracle, HP, SAP, ensuring seamless hybrid environments.
* Implemented AWS services in diverse distributed computing environments, ensuring scalability, availability, and performance.
* Leveraged CloudFormation and AWS Systems Manager for configuration management and infrastructure automation.
* Successfully led the implementation and deployment of HashiCorp Vault on HashiCorp Cloud Platform (HCP), providing robust secrets management and data protection solutions for the organization.
* Utilized Terraform to define and manage the infrastructure for HCP Vault, ensuring version-controlled, automated, and reproducible infrastructure deployments.
* Implemented CI/CD pipelines for Kubernetes and OpenShift deployments, ensuring automated and reliable application delivery.
* Designed and implemented disaster recovery and backup strategies for Kubernetes and OpenShift clusters to ensure business continuity.
* Proficient in deploying and managing Kubernetes clusters on AWS using Amazon EKS. Demonstrated expertise in configuring cluster networking, security, and access control
* Successfully resolved migration-related issues, troubleshooting and optimizing the migration process. Worked directly with customers' technical resources, understanding requirements, and providing appropriate solutions.
* Designs and builds tools to automate support and monitoring functions
* Provided system support to the clients, troubleshoot and fixes bugs and errors, resolved IT related issues.
* Work closely and team with Developers, QA and Cloud Operations to develop and maintain the Cloud Supply Chain frameworks, technologies and feedback tools.
* Worked closely with offshore DevOps engineers to optimize cloud infrastructure for cost-efficiency and performance.
* Ensure each phase of the Cloud Supply Chain from product management, through development, QA, Staging and into Production is fully automated, as frictionless as possible utilizing CI and CD. At each stage metrics and monitoring will fully visualize the Supply Chain status for the entire product team. Automate everything possible.
* Designing the application layer of the product with ec2, rds, and elastic cache, and configuring AWS cloud watch for application monitoring
* Providing infrastructure solutions based on amazon web services (AWS) in a fast-paced, challenging, innovative company focused on reliability and customer service.
* Configure and utilize Azure cloud services for the existing virtual data center.
* Implement and troubleshoot solutions hosted on windows azure using costeffective designs and following accepted guidelines for security, risk management, and compliance.
* Decisive and effective quality and operations manager are skilled in leading cross-functional teams to meet customer quality and production demands with deadlines.
* Research, endorse and implements network enhancements improving system reliability and performance.
* Involve in DevOps migration/automation processes for build and deploy systems.
* Implement the build automation process for all the assigned projects in vertical apps domain monitors the UAT/production environments for any downtime issues by performing regular CRON job updates in server.
* Worked with git hub enterprise to manage source code repositories and performed branching, merging, and tagging depending on the requirement.
* Responsible for versioning the source code, releasing binary files, creating and applying labels on source files and release files. Led Jenkins continuous integration server installation and configuration for all git repositories.
* Establishing both automated build processes and release management processes for their LMS platform using Jenkins, ant, maven, and chef.
* Setting up Jenkins continuous integration builds for all releases on windows and Linux.
* Developed installer scripts using ant, python, and Unix for various products to be hosted on application servers.
* Organized and coordinated product releases, work closely with product development, QA, support across global locations to ensure successful releases implemented rapid­provisioning and life­cycle management for Ubuntu Linux using amazon ec2, chef, and custom ruby/bash scripts worked on managing the private cloud environment using chef.

Environment**:** Jenkins, Ansible, AWS, Docker, kubernetes, OpenShift, HCP Vault, Terraform, Cloud Formation, YAML scripting, Ruby Scripts, Python, Shell Scripting, VPC, subnets, ELB, Security Groups. VMware, GIT, Jira, MySQL, Web Sphere, Nginx, Windows, Linux

**Capital One, SFO, CA Sep’21 – May’22**

**Sr. AWS DevOps Engineer**

**Responsibilities:**

* Creating, configuring and deploying instances on AWS environment, also handling CloudWatch, Elastic Search and managing security groups on AWS.
* Worked with customers to migrate database environments, including Re-Hosting, Upgrading/Optimizing, and Re-Factoring on AWS.
* Collaborated with customers' technical resources to understand requirements and recommend appropriate database solutions.
* Build and configure a virtual data center in the AWS cloud to support Enterprise Data Warehouse hosting including Virtual Private Cloud (VPC), Public and Private Subnets, Security Groups, Route Tables, Elastic Load Balancer.
* Used Terraform to set up AWS infrastructures such as launching EC2 instances, S3 buckets objects, VPC, Subnets, etc.
* Designed AWS Cloud Formation templates to create custom sized VPC, Subnets, NAT to ensure successful deployment of Web applications and database templates.
* Worked on Kubernetes and OpenShift security best practices, implemented RBAC policies, and ensured compliance with industry standards.
* Implemented Kubernetes infrastructure as code using tools like AWS CloudFormation or Terraform.
* Successfully containerized multiple Kubernetes applications, optimizing performance and resource utilization.
* Established efficient CI/CD pipelines using tools like Jenkins or GitLab CI/CD, enabling rapid and reliable deployment of updates to the HCP Vault service.
* Implemented secure practices for managing secrets and sensitive data in HCP Vault, ensuring proper access controls, encryption, and rotation policies are in place.
* Implemented a Continuous Delivery pipeline with Docker, Jenkins, GitHub and AWS AMI’s, whenever a new GitHub branch gets started, Jenkins, our Continuous Integration server, automatically attempts to build a new Docker container from it. Creating Cloud Watch alerts for instances and using them in Auto scaling launch configurations.
* Worked on installing of Docker using Docker toolbox and worked on creation of Docker containers and Docker consoles for managing the application life cycle.
* 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.
* Installed, Configured and managed the Ansible Centralized Server (Tower) and creating the playbooks to support various middleware application servers, and involved in configuring the Ansible tower as a configuration management tool to automate repetitive tasks.
* Wrote Ansible playbooks to launch AWS instances and used Ansible to manage web applications, configuration files, used mount points, packages and worked on playbooks for Ansible in YAML.
* Created and maintained Python scripts for automating build and deployment process and creating web based Application by using Django Framework.
* Utilize Nagios based Open-Source monitoring tools to monitor Linux Cluster nodes configured using Red Hat Cluster Suite.
* Used Kubernetes to provide a platform for automating deployment, scaling, and operations of application containers across clusters of hosts.
* Created scripts in Python which integrated with Amazon API to control instance operation.
* Assisted with review, documentation and recommendations for system acquisitions, planning and selection of operating systems software and hardware.

Environment**:** Jenkins, Ansible, AWS (EC2, S3, RDS, EBS, and Elastic Load Balancer, Auto scaling groups), VPC, subnets, ELB, Security Groups. VMware, Docker, kubernetes, OpenShift, HCP Vault, Terraform, Cloud Formation, YAML scripting, Ruby Scripts, Python, Shell Scripting, Paas, GIT, Jira, MySQL, Web Sphere, Nginx, Windows, Linux

**Bank of America, Jersey City, NJ Mar’21 – Aug’21**

**AWS DevOps Engineer**

**Responsibilities:**

* Involved in DevOps automation processes for build and deploy systems.
* Collaborated with cross-functional teams to design and implement scalable cloud infrastructure solutions.
* Developed and managed CI/CD pipelines for continuous integration and delivery of applications.
* Automated infrastructure provisioning and configuration using Infrastructure as Code (IaC) tools like Terraform.
* Monitored and maintained cloud resources, ensuring optimal performance and cost-efficiency.
* Implemented backup and disaster recovery strategies to ensure data availability and business continuity.
* Conducted security assessments and implemented best practices to safeguard cloud environments.
* Successfully managed version upgrades and migrations for Kubernetes and OpenShift clusters, minimizing downtime and ensuring seamless transitions.
* Designed and configured high availability (HA) setups for HCP Vault to ensure uninterrupted access to critical secrets and disaster recovery mechanisms in case of system failures.
* Configured auto-scaling for Kubernetes pods and nodes to handle varying workloads efficiently.
* Designed high-availability architectures for Kubernetes applications to ensure continuous availability.
* Assisted in the migration of on-premise workloads to AWS Cloud.
* Assisted with maintaining current build systems, developed build scripts, and maintained the source control system.
* Administered Jenkins, Proposed and implemented branching strategy suitable for agile/scrum development.
* Wrote python scripts to deploy java applications from Jenkins to remote server.
* Implemented Ansible to manage all existing servers and automate the build configuration of new servers.
* Build and maintained SQL scripts and execute different scripts for different environments.
* Created branching & tagging strategy to maintain source code in the GIT repository and Coordinated with developers with establishing, applying appropriate branching, labeling & naming conventions using GIT source control.
* Developed shell scripts on windows systems for automation of the build and release process and also automates deployment and release distribution process with shell.
* Deployed applications on AWS by using Elastic Beanstalk.
* Manage AWS EC2 instances utilizing Auto Scaling, Elastic Load Balancing and Glacier for our QA and UAT environments.
* Engaged with clients for better understanding of projects and on boarding them on to Continuous Delivery tools like Udeploy, for continuous automated deployments from Development environment to Production environment successfully and following the best practices from DevOps cultures.
* Performed weekly and on-call deployments of application codes to production environments.

Environment: Jenkins, AWS, Java, Ansible, GIT, Bit Bucket, JIRA, ANT, MAVEN, AWS, Docker, Kubernetes, OpenShift, Splunk, HCP Vault, Terraform, Python, Shell, Oracle 11g, Linux, Windows.

**Wheels Inc, Des Plaines, IL Feb’19 – Mar’21**

**AWS Migration Consultant/DevOps Engineer**

**Responsibilities:**

* DevOps Engineer for a team that involved different development teams and multiple simultaneous software releases.
* Installing, configuring and administering Jenkins CI tool on Linux machines.
* Assisted clients in their journey to the cloud, driving successful migrations to AWS while minimizing downtime and disruption.
* Conducted detailed assessments of existing infrastructure and applications, identifying opportunities for migration and optimization.
* Developed comprehensive migration strategies, considering factors such as application dependencies, data transfer, and cost optimization.
* Collaborated with client teams to design and implement scalable, resilient architectures in AWS, leveraging services such as VPC, EC2, RDS, and Route 53.
* Implemented AWS migration tools such as AWS Server Migration Service (SMS) and AWS Database Migration Service (DMS) to facilitate seamless data migration.
* Developed and executed test plans, ensuring the performance, availability, and security of migrated applications.
* Provided guidance and support to client teams during the migration process, troubleshooting issues, and optimizing performance.
* Implemented comprehensive monitoring solutions, using tools like Prometheus and Grafana, to proactively monitor the health and performance of the HCP Vault cluster. Set up alerts to notify the team of any potential issues.
* Conducted post-migration reviews to evaluate the success of the migration and identify areas for improvement.
* Worked closely with the development and operations organizations to implement the necessary tools and process to support the automation of builds, deployments, testing and infrastructure using Ansible.
* Used Ansible to automate Configuration management & Applications.
* Worked on migration of deployment tool BMC BladeLogic to Puppet and Puppet to Ansible.
* Analyze and resolve conflicts related to merging of source code for GIT.
* Migration of the Source Code from GIT to BIT Bucket.
* Worked on Docker container snapshots, attaching to a running container, removing images, managing Directory structures and managing containers.
* Configuring the Docker containers and creating the Docker files for the different environments.
* Optimized resource allocation in Kubernetes and OpenShift, resulting in cost savings and improved cluster efficiency.
* Used Kubernetes as a new level of simplicity to defining, creating apps or services by encapsulating them in containers.
* Worked with Kubernetes to automate deployment, scaling and management of web Containerized applications.
* Deployed, monitor scalable infrastructure on AWS & configuration management using Ansible.
* Used AWS S3 service as Build Artifact repository to created release based buckets to store various modules/branch based artifact storage.
* Developed build and deployment scripts using ANT and MAVEN as build tools in Jenkins to move from one environment to other environments.
* Wrote Python and Power Shell scripts for automating time-consuming specialty needs for external clients.
* Environment: Jenkins, Agile, Java, CICD, Ansible, ANT, Maven, Jira, GIT, Bit Bucket, Docker, Kubernetes, HCP Vault, Terraform, OpenShift, AWS, Python, Shell Scripting, Oracle, SQL Server, ideploy, Web sphere Application Server, Jfrog Artifactory, Splunk, Nagios, Linux, Unix, Windows.

**Bank of America, Agoura Hills, CA Aug’17 – Jan’19**

**DevOps Engineer**

**Responsibilities:**

* Developed, implemented Software Release Management strategies for various apps according to the agile process.
* Participated in weekly release meetings with Technology stake holders identify and mitigate potential risks associated with the releases.
* Jenkins is used as a continuous integration tool for automation of daily process.
* Performed role as Automation Engineer for Developing Build and deploy tool (like Jenkins).
* Implemented infrastructure as code (IaC) using AWS CloudFormation and Terraform, automating the deployment and management of resources.
* Collaborated with development teams to design and implement scalable, fault-tolerant architectures using AWS services such as EC2, S3, and Lambda.
* Ensured security and compliance by implementing IAM roles, security groups, encryption, and auditing mechanisms.
* Used AWS for Cloud management and Chef Automation.
* Develop and maintain custom internal scripts to automate the management of AWS and cloud environments.
* Implemented rapid-provisioning and life-cycle management for Ubuntu Linux using Amazon EC2, Chef, and custom Ruby/Bash scripts.
* Developed Perl and shell scripts for automation of the build and release process, developed Custom Scripts to monitor repositories, Server storage.
* Worked on various scripting language like Bash, Shell, Perl and Python.
* Implementing new projects builds framework using Jenkins & maven as build framework tools.
* Designed and implemented for fully automated server build management, monitoring and deployment by using Chef.
* Used Docker Containers for eliminating a source of friction between developments.
* Collaborated with cross-functional teams to gather requirements, design solutions, and provide technical expertise related to Kubernetes and OpenShift.
* Implemented a Python module to query data from Postgre SQL table to display aggregated data from Map Reduce jobs.
* Documented the entire build and release engineering process and provided on call support.   
  Environment: Java, Agile, Jenkins, GIT, Bit bucket, Chef, Puppet, AWS, Docker, Kubernetes, OpenShift, Splunk, Grafana, Bash, ANT, MAVEN, Perl Scripts, Shell Scripts, XML, Oracle 11g, Postgre SQL, Bit Bucket, JIRA, JSP, Spring, Hibernate, Python , Power shell, Linux Windows.

**Belk, Charlotte, NC May’16-Aug’17**

**DevOps Engineer**

**Responsibilities:**

* Responsible for designing and deploying best SCM processes and procedures.
* Designing and implementing fully automated server build management, monitoring and deployment By Using Technologies like Chef.
* Responsible for CI and CD using Jenkins, Run deck and Chef.
* Developed the chef recipes, cookbooks using Ruby syntax and uploaded them to the master chef server using chef client tool like chef-repo.
* Managed servers on the AWS platform instances using Puppet, Chef Configuration management.
* Designed and implemented scalable, secure cloud architecture based on Amazon Web Services.
* Highly involved in Configuring and monitoring distributed and multi-platform servers using chef.
* Configured VPC in AWS from scratch to setup various EC2 instances for Web and Application servers.
* Worked on migrating VM ware to AWS using snowball and VM import/export.
* Created Docker containers to build ship and run any app or image to deploy the applications.
* Used Jenkins for Continuous Integration and deployment into Tomcat Application Server.
* Set up continuous integration for major releases in Jenkins
* Implemented a CI/CD pipeline with Docker, Jenkins and Github whenever a new github branch gets started.
* Involved in Research of the project application architecture to support/resolve build, compile, and test issues/problems.

Environment: Jenkins, Agile, Java, ANT, Maven, Subversion, Git, Bit Bucket, Chef, AWS, Oracle Fusion, Octopus, Websphere, LDAP, Python, Docker, SQL Server, Spring, Restful Web Services, Jenkins, Apache Tomcat, Jira, VM ware, Shell, Perl Scripting, Power shell, Linux

**Spencer Savings Bank, North Caldwell, NJ Jul’15-Apr’16**

**DevOps Engineer**

**Responsibilities:**

* Developed, implemented Software Release Management strategies for various apps according to the agile process.
* Participated in weekly release meetings with Technology stakeholders to identify and mitigate potential risks associated with the releases.
* Coordinate/assist developers with establishing and applying appropriate branching, labeling/naming conventions using GIT source control.
* Use Puppet and Ansible Automation tools for configuration management in different systems.
* Implemented Infrastructure automation through Puppet, for auto provisioning, code deployments,   
  software installation and configuration updates.
* Deployed, monitored scalable infrastructure on AWS & configuration management using puppet.
* Deploying application using Jenkins server and Troubleshoot release management job failures, resolve, work with engineers on resolution.
* Used Ansible to manage Web applications, Environments configuration Files, Users, Mount points and Packages.
* Implemented automated backup solutions for MongoDB replica sets using Ansible playbook and AWS S3 services.
* Implemented and designed AWS virtual servers by Ansible roles to ensure deployment.
* Supported and developed tools for integration, automated testing and release management.
* Reduced build and deployment times by designing and implementing Docker workflow.
* Created Docker images and deployed Docker containers for Tomcat Servers.
* Installing, configuring and administering Jenkins CI tool on Linux machines.
* Created and wrote shell scripts (Bash), Ruby, Python and Power Shell for automating tasks.
* Worked on the Oracle databases in the backend to execute the DMLs and DDLs
* Releasing code to testing regions or staging areas according to the schedule published.

Environment: Jenkins, Build Forge, Agile, Java, Puppet, Ansible, RHEL, SVN, SCM, GIT, Bit Bucket, Maven, ANT, Apache Tomcat, VM ware, Jira, Docker, Oracle, Shell, Cloud computing, Open stack, Ruby, Python, Shell, Power Shell, Hibernate, JVM, AWS, Openstack, Linux, Windows.

**Riverbed Technology, San Francisco, CA Apr’14-Jun’15**

**Build and Release Engineer**

**Responsibilities:**

* Documented all build and release process related items. Level one support for all the build and deploy issues encounter during the build process.
* Functioned as primary Linux administrator and systems engineer to maintain system services and performance - Planned and executed Linux system changes and upgrades.
* Monitored the servers and Linux scripts regularly and performed troubleshooting steps - Tested and installed the latest software on server for end-users.
* Worked closely with Development Team in the design phase and developed use case diagrams using Rational Rose.
* Installed, configuring and administering Jenkins as Continuous Integration Server on Linux machines.
* Configured Jenkins for CI tools with plugins created jobs and automated most of the build related tasks.
* Analyze and create daily reports on the status of server backups on intranet and extranet.
* Coordinated with developers, Business Analyst and Mangers to make sure that code is deployed in the Production environment.
* Deployed Java applications through Web Logic and Web Sphere Application servers. Comfortable and flexible with installing, updating and configuring various flavors of UNIX and Windows.

Environment: Java, ClearCase, Eclipse, Ant, Maven, Hudson, Jenkins, Chef, Web Sphere Application Server (WAS), CVS, Cruise Control, VM ware.

**Semantic Space Technologies, Hyderabad, IN Apr’11-Nov’13**

**Unix/Linux Administrator**

**Responsibilities:**

* Configuration and upgrade of Linux, Solaris and AIX Operating Systems.
* Configuration of NIS, NFS, DNS, DHCP servers in Solaris, AIX and Linux environment.
* Experience in user and group administration, management and archiving.
* Responsible for upgrades to RedHat Linux with Software packages, patches and maintained them in accordance with established policies, procedures and service level agreements.
* Automate the infrastructure using Terraform in AWS console.
* Installation, configuration and management of Veritas Volume Manager & Veritas File System.
* Performed automated installations of operating systems using Jumpstart for Solaris, and Kickstart for Linux.
* Performance monitoring and performance tuning using top, prstat, vmstat, ps, iostat etc.
* Performed Troubleshooting NFS, NIS, Samba, DNS, DHCP, LDAP, Mysql and network problems.
* Supported servers running various application and database including oracle RAC (Real Application Cluster).
* Experience in adding and configuring devices like hard disks and backup devices etc.

Environment: Linux RHEL 4/5/6, Solaris 8/9/10, SUSE Linux 10/11, HP-UX 11/11i, AIX 5.3L, Sun Enterprise Server, SunFire 6800/ E6500/ E4500 & E3500, Sun V440, V490, TSeries, MSeries, IBM RS/6000, pSeries Server.