**NAVEEN VADDEPALLI**

**Sr. DevOps | SRE | Cloud Engineer | Administrator**

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**PROFILE SUMMARY**

* Overall 11+ years of comprehensive experience in IT Industry with DevOps tools in Azure, GCP and AWS Cloud platform, CI/CD pipelines and Configuration Management.
* Involved in various stages of Software Development Life Cycle (SDLC) including analysis, requirement gathering, and Design, Development, Testing, Deployment and Maintenance of DevOps applications.
* Handled architecting and building solutions leveraging DevOps tools such as GIT, Maven, Jenkins, Docker, Ansible, etc.
* Proficient in deploying and managing containerized applications on Azure Kubernetes Service (AKS) and managing the lifecycle of AKS clusters, including scaling, upgrades, and monitoring.
* Implementing CI/CD pipelines with Jenkins, Azure DevOps and Dockerizing the application and deploying it on to AKS Cluster using Helm deployments.
* Experienced with AWS Cloud services like EC2, EKS, VPC, ELB, Auto-Scaling, Security Groups, Route53, IAM, EBS, IAM, RDS, S3, SNS, SQS, and Lambda & Direct Connect.
* Designed an end-to-end automation and continuous deliver of application by integrating AWS cloud, Jenkins, and Puppet.
* Good at managing and hosting plans for Azure Infrastructure, implementing and deploying workloads on Azure virtual machines (VMs).
* Worked with Ansible playbooks for virtual and physical instance provisioning, configuration management, patching and software deployment.
* Developed complex services to automate monitoring activities and provided critical information to facilitate response and resolution of performance and availability issues and incidents.
* Performed Continuous Delivery in a Microservice infrastructure with AWS cloud, Docker, and Kubernetes.
* Involved in defining application deployment solution on Docker based PaaS environment and migrating applications to Kubernetes and Docker platform.
* Integrated Technologies such as Docker and Kubernetes for a powerful cluster manager and orchestration system for running Docker Containers.
* Developed and monitored SLOs to ensure service reliability and performance, identifying and addressing any deviations.
* Worked with Kubernetes to manage containerized applications using its nodes, Configmaps, selector, Service, and deployed application containers as pods.
* Knowledge of Ansible Tower integration with version control systems like Git and continuous integration (CI) tools like Jenkins.
* Experienced using Kubernetes for container management that runs Docker containerized applications in a cluster of EC2 instances in Linux Environment.
* Experienced in integrating code quality tools such as SONARQUBE, VERACODE in CI/CD pipelines.
* Worked with Terraform key features such as infrastructure as a code, execution plans, resource graphs, change automation and used auto scaling launch configuration templates for launching AWS EC2 instances.
* Involved in Kubernetes Cluster Deployments using Kops and Helm.
* Built a MYSQL server in a container and configured it to interact with Grafana as its back-end database and deployed it in a Kubernetes cluster.
* Implemented standard and extended ACLs to permit or deny traffic based on source and destination IP addresses, protocols, and port numbers, ensuring compliance with security policies.
* Designed and implemented scalable and resilient cloud architectures on GCP using services such as Compute Engine, Kubernetes Engine, Cloud Functions, and Cloud Run.
* Expert on infrastructure with Docker containerization and Configured Docker containers and created Docker files for various environments.
* Experienced in SRE operations in public cloud-based Production and Staging env for deployment, configuration, reliability, observability, scalability of large-scale SaaS solutions.
* Strong hands-on experience in scripting languages such as Groovy, YAML, JSON, Shell scripting.
* Experienced in deploying Kubernetes Cluster on AWS and Azure cloud environments with master architecture and wrote many YAML files to create many services like pods, deployments, auto-scaling, load balancers, labels, health checks, Namespaces, Config Map etc.
* Participated in migrating existing application to cloud, manage cloud implementation, evaluating cloud-based tools/technologies for application modernization effort.
* Experienced working in S1/S2 production incidents and been on call in war rooms for immediate communication, triaging, and Resolution.
* Experienced with log management tools like ELK Stack (Elasticsearch, Logstash, Kibana), Splunk, or Sumo Logic for centralized logging, log analysis, and troubleshooting.
* Skilled in troubleshooting and resolving Citrix-related issues, such as connectivity problems, application performance, and user experience.
* Customized XLR workflows to automate deployment tasks, such as application provisioning, configuration management, and database updates.

**TECHNICAL SKILLS**

**Version Control Tools**: Git, GitLab, Bitbucket, Azure Repos, AWS CodeCommit, TFS, SVN

**Build Tools**: Apache Maven, Apache ANT, Gradle

**SAST/DAST Tools:** SonarQube, Veracode, Fortify / Burp Suite, Netsparker

**Artifactory**: JFrog Xray and Nexus, Azure Artifacts

**CI/CD**: Jenkins, TeamCity, Spinnaker, Azure Pipelines, Gitlab CI/CD, Octopus, GitHub Actions, Argo CD

**Container Platforms**: Docker, Kubernetes, Open Shift, ECS, EKS, GKE, AKS, Rancher

**Monitoring Tools**: Prometheus, Grafana, ELK, Datadog, Dynatrace, Splunk, Nagios, Graylog, New Relic

**Cloud Platforms**: Microsoft Azure, Amazon Web Services (AWS), GCP

**AWS Services:** RDS, EC2, VPC, IAM, Cloud Formation, EBS, S3, ELB, Auto Scaling, Cloud Trial, SQS, SNS, SWF, Cloud Watch, CFT, Lambda, EKS, KMS

**Azure Services**: App Services, Key vault, Function apps, Blob storage, Azure Active Directory (AAD), Azure Container Registry (ACR),

Azure Kubernetes service (AKS), Azure SQL, Azure Databricks, Cosmos DB, ARM Templates

**GCP Cloud Services:** Google Kubernetes Engine (GKE, GCE, GAE, GCS, IAM, KMS, Cloud Functions, VPC

**Infrastructure tools:** Rancher, JFrog Artifactory, Sysdig, Portworx, Calico, Hashicorp Vault

**Cloud provisioning tools**: Terraform, AWS CloudFormation, Azure Resource Manager (ARM), Rancher, Packer, Ansible, Puppet, OpenStack

**Cloud Security:** Hashicorp Vault, Consul, Aquasec, CoreOS Clair, Darktrace, Twistlock, Tanium, BeyondTrust, OKTA, NIDS, HIDS, NIPS, HIPS, PAM, IAM

**Operating Systems:** Microsoft Windows XP/ 2000, Linux, UNIX, Ubuntu, CentOS, RHEL

**Networking:** TCP, IP, Firewall, VPN, VPC, SSL/TLS, IPV6, HTTP, DNS, DHCP, FTP, HTTPS, SMTP, IPV4

**CDN Tools:** Akamai, Imperva, CloudFront, Cloudflare, Fastl

**Scripting Languages**: Python, Shell scripting, Groovy, Power Shell

**Web Servers**: Nginx, Tomcat, Apache, IIS

**Web Technologies:** HTML, JavaScript, CSS, Node JS, React, Angular, Python

**Databases**: PostgreSQL, MySQL, RDS, Dynamo DB, Azure Cosmos DB, MongoDB, Blob Storage

**Tracking Tools**: Jira, Rally, ServiceNow, Bugzilla, Azure Boards

**CERTIFICATIONS -** Certified (Microsoft Azure Administrator|AWS Developer–Associate |Kubernetes Administrator)

**EDUCATION -** Bachelors in Computer Science from Osmania University, India - **2012**

**WORK EXPERIENCE**

**Huntington National Bank, Columbus, OH May 2024 to Present**

**Sr. DevOps Engineer / IS Technical Specialist: III**

**Responsibilities:**

* Collaborated on automating AWS infrastructure with Terraform and Jenkins, and configured software/services via Ansible playbooks.
* Designed and implemented Puppet modules and manifests to automate system provisioning, configuration management, and application deployment across multiple environments.
* Managed infrastructure updates with Puppet, ensuring consistent system configurations across environments.
* Utilized Terraform modules for multi-cloud deployment of applications, enhancing flexibility and efficiency.
* Employed Jenkins pipelines to drive microservices builds to Docker registry and deployment to Kubernetes, ensuring streamlined CI/CD processes.
* Reviewed the pull requests and deployed the code in Dev, QA, Prod environments by creating a Standard Change request.
* Updating the infrastructure system with puppet environment.
* Installation, Configuration and administration of DNS, LDAP, NFS, NIS, NIS and Send mail on RedHat Linux/Debian Servers.
* Troubleshooting the modules, if there is any break in puppet files and fixing it and finding the RCA for that.
* Conducted regular audits and assessments of Puppet configurations to ensure alignment with organizational standards and requirements.
* Developed and maintained Ansible inventories, playbooks, and roles for both on-premises and cloud-based infrastructure, automating repetitive tasks and reducing manual intervention.
* Successfully led the migration from Puppet to Ansible for configuration management and automation across on-premises and cloud environments, enhancing operational efficiency and flexibility.
* Developed and executed a comprehensive strategy for migrating configuration management from Puppet to Ansible, ensuring minimal disruption to existing services.
* Converted Puppet modules into Ansible roles and playbooks, leveraging Ansible’s modular and reusable approach to enhance maintainability.
* Implemented Ansible for infrastructure as code (IaC), ensuring consistent and repeatable deployments across development, staging, and production environments.
* Ensured the migration process adhered to security best practices and compliance requirements, implementing necessary controls and audit mechanisms.
* Designed and implemented Ansible playbooks and roles to replace existing Puppet modules, ensuring seamless integration and functionality within the new environment.
* Created Amazon Machine Images (AMIs) using Packer to standardize and automate the building, testing, and deployment of machine images, ensuring consistent environments across different stages of the CI/CD pipeline.
* Conducted a comprehensive assessment of existing Puppet configurations, identifying key components for migration and mapping them to equivalent Ansible tasks.

**Environment**: AWS, Terraform, AMI, ServiceNow, Packer, Hiera, Puppet Enterprise, Docker, GitHub, Shell, Git, Python, Ansible, Ruby, Power shell, Linux, Windows, Aix, Jenkins.

**TRUIST, Raleigh, NC Jun 2022 to Apr 2024**

**Sr. DevOps Engineer/Lead**

**Responsibilities:**

* Implemented AWS solutions like EC2, S3, IAM, Elastic load balancer (ELB), EBS, EKS, security groups, Auto scaling using CloudFormation/Terraform templates.
* Collaborated in the automation of AWS infrastructure via terraform and Jenkins - software and services configuration via Ansible playbook.
* Implemented Terraform modules for deployment of applications across multiple cloud providers.
* Used Jenkins and Pipelines which helped us drive all micro services builds out to the Docker registry and then deployed to Kubernetes.
* Implemented Imperva's CDN solution to ensure the availability and performance of critical web applications.
* AKS integrated with Azure Monitor to provide insights into the performance and health of corporate functions applications.
* Use of Docker, Kubernetes and OpenShift to manage microservices for development of continuous integration.
* Installed and administered Artifactory repository to deploy the artifacts generated by Maven and to store the dependent jars which are used during the build.
* Provisioned and configured multiple AKS clusters on Azure to host critical HR/Legal applications, ensuring high availability and fault tolerance.
* Automated Regular AWS tasks like snapshots creation using Python scripts.
* Implementing Continuous Delivery frameworks using Jenkins, and Maven& Nexus in Linux environment and worked on Managing the Private Cloud Environment using Puppet.
* Worked on Designing, installing, and implementing Ansible configuration management system and writing playbooks for Ansible using YAML and deploying applications.
* Established backup and disaster recovery strategies for AKS clusters, leveraging Azure Backup and Azure Site Recovery.
* Involved in Configuring, automation and maintaining build and deployment CI/CD tools GitLab, Jira, Confluence, Bamboo, Docker registry/daemon, Nexus, and JIRA for Multi-Environment.
* Developed environments of different applications on AWS by provisioning on EC2 instances using Docker, Bash and Terraform.
* Using Datadog Ops monitoring servers and integrates in Cloud watch, Puppet and Ansible etc.
* Developed a Power Shell script to automate Active Directory and server tasks and Generate reports for administrators and management.
* Configured entire environment from scratch via Ansible playbook to host Artifactory.
* Managed SVN repositories for branching, merging, and tagging and developing Shell/Groovy Scripts for automation purpose.
* Developed a stream filtering system using Spark streaming on top of Apache Kafka.
* Managed AKS cluster upgrades and patching to stay current with the Kubernetes releases and security updates.
* Designed a system using Kafka to auto - scale the backend servers based on the events throughput.
* Integrated Prometheus and Grafana for comprehensive monitoring and alerting of service mesh components.
* Developed installer scripts using Ant, Python and UNIX for various products to be hosted on Application Servers.
* Expertise in JIRA/Confluence queries, dashboards for metrics reporting to various teams.

**Environment**: AWS, Terraform, OpenShift, Jenkins, Kubernetes, Docker, GitHub, Shell, Git, Python, Ansible, EKS.

**AT&T, Portland, OR Oct 2020 to May 2022**

**Azure DevOps Engineer (Lead)**

**Responsibilities:**

* Implemented Azure Hybrid integration to integrate the applications, data and processes using API's.
* Experience in working with Terraform key features such as Infrastructure as Code, Execution plans, Resource Graphs, Change Automation.
* Experienced in setting up monitoring and logging solutions to track the performance of applications deployed through Spinnaker.
* Deploying windows Kubernetes (K8s) cluster with Azure Container Service (ACS) from Azure CLI and Utilized Kubernetes and Docker for the runtime environment of the CI/CD system to build, test and Octopus Deploy.
* Integrated log management tools within Datadog to centralize log data from various sources and perform log analysis for troubleshooting and debugging.
* Implemented Jenkins pipelines into Azure pipelines to drive all micro services builds out to the Docker registry and then deployed to Kubernetes, Created Pods and managed using AKS.
* Used Azure Kubernetes Service to deploy a managed Kubernetes cluster in Azure and created an AKS cluster in the Azure portal, with the Azure CLI, also used template driven deployment options such as Resource Manager Templates and Terraform.
* Configured RDS instances using Cloud Formation and Terraform and used Terraform to map more complex dependencies and identified network issue.
* Designed the project workflows/pipelines using Jenkins for Continuous Integration and deployment into different Web/Application Server.
* Integrated Kuma service mesh to enhance security through mutual TLS (mTLS) for microservices, ensuring end-to-end encryption.
* Conducted performance optimization and troubleshooting using SaltStack to identify and remediate bottlenecks, ensuring optimal system performance and reliability.
* Understanding of service-oriented architecture (REST APIs, micro-services, etc.) and developed code to make API calls.
* Worked with Terraform key features such as Infrastructure as code, Execution plans, Resource Graphs, Change Automation and implemented Terraform modules for deployment of applications across Azure.
* Implemented Jenkins jobs to create Azure Infrastructure from GitHub repositories containing Terraform code and created on-premises active directory authentication using automation with ansible play books.
* Implemented Kubernetes to deploy scale, load balance, scale and manage Docker containers with multiple names spaced versions.
* Deploying windows Kubernetes (K8s) cluster with Azure Container Service (ACS) from Azure CLI and Utilized Kubernetes and Docker for the runtime environment of the CI/CD system to build, test and Octopus Deploy.
* Worked with application teams to install operating system, Hadoop updates, patches, version upgrades as required. Integrated Kafka with Spark in sand box Environment.
* Maintained a continuous deployment on a cloud infrastructure with zero downtime production environment and worked with Azure and its API, Azure Virtual Networks, Azure security.
* Authored several scripts leveraging VMware’s PowerCLI and Windows PowerShell to aid with capacity planning and monitoring of the virtualization infrastructure.
* Customized Rancher installations to meet specific organizational requirements, including configuring authentication, authorization, and networking policies.
* Deployed an Azure Databricks workspace to an existing virtual network that has public and private subnets and properly configured network security groups.
* Grafana connected to Prometheus as a data source allowed users to build dashboards that query, and display metrics collected by Prometheus.
* Worked with Apache Kafka for High throughput for both publishing and subscribing, with disk structures that provide constant performance even with many terabytes of stored messages.
* Created and wrote shell scripts (Bash), Ruby, Python, Groovy, YAML and PowerShell for automating tasks.
* Developed Test Cases for Deployment Verification, ETL Validation, Cube Testing and Report testing.
* Worked on GitHub repositories as Distributed Version Control System.
* Created complex JIRA workflows, conditions, validators, post-functions, screens, screen schemes, custom fields.
* Experienced in troubleshooting and automated deployment to web end application servers like Web Logic and Apache Tomcat.

**Environment**: ACR, ARM Templates, Jira, Git, Prometheus, Kubernetes, Kafka, Azure CLI, Hadoop, Blob Storage, Key Vault.

**Medtronic, Minneapolis, MN Feb 2019 to Sep 2020**

**DevOps Engineer /SRE**

**Responsibilities:**

* Monitored Database Connection Health by using Splunk DB connect health dashboards, log parsing, complex Splunk searches, including external table lookups, Splunk data flow, components, features, and product capability.
* Implemented comprehensive monitoring and alerting solutions using GCP monitoring services and external services.
* Configured dashboards, alerts, and notifications to ensure timely identification and resolution of issues.
* Troubleshoot issues and outages, working closely with development and operations teams to identify root causes and develop solutions.
* Integrated XLR with Jenkins, GitLab, and JIRA to create seamless CI/CD pipelines and improve collaboration between development and operations teams.
* Experienced in managing Docker containers, Kubernetes, Service Mesh, Kafka in a high availability environment.
* Built serverless applications on GCP using Cloud Functions, Firebase, and Firestore, enabling rapid development and scaling without managing infrastructure.
* Monitored Server, network infrastructure and application performance metrics, and identify patterns and trends to improve system performance and reliability.
* Developed and integrated tools for logging, monitoring, and alerting to enhance visibility into system performance.
* Participated in strategic planning for the technology roadmap, including scalability, cost-effectiveness, and risk management considerations related to observability infrastructure.
* Used SCM/Build tools for Developers. Helping to resolve all SCM/Builds issues like merge conflicts, compilation errors, missing dependencies, Branching/Merging/Tagging.
* Worked with Ansible playbooks for virtual and physical instance provisioning, Configuration management and patching through Ansible.
* Managed databases, caching servers, message queues, centralized logging, etc. including AWS aurora, MySQL, MongoDB, Redis and RabbitMQ.
* Migrated on-premises applications to GCP using tools like Cloud Storage Transfer Service, Database Migration Service, and Velostrata.
* Automated using Ansible, Python, Perl, or shell scripting with attention to detail, standardization, processes, and policies.
* Worked in an agile development team to deliver an end-to-end continuous integration/continuous delivery (CI/CD) product in an open-source environment using tools like Puppet, Jenkins.
* Experience in writing Puppet manifests and modules to automate the deployment process and to integrating Puppet manifests into Jenkins jobs for a continuous delivery (CD) framework.
* Configured and monitored distributed and multi-platform servers.
* Setup and build AWS infrastructure using various resources, VPC EC2, RDB, S3, IAM, EBS, Security Group, Auto Scaling, SNS and RDS in Cloud Formation JSON templates, Route53, Lambda.
* Worked on AWS for deploying EC2 instances consisting of various flavours viz., Oracle Linux, RHEL, CentOS, Ubuntu and Solaris in both Linux and Windows.
* Worked with various deployment strategies supported by Spinnaker, including canary releases, blue-green deployments, and rolling deployments.
* Built out Infrastructure code in Terraform, system images in Packer, and application images in Docker.
* Engineered and deployed Istio service mesh to enhance microservices communication, improving reliability and observability.
* Developed build and deployment scripts using Gradle and Ant, Maven as build tools in Jenkins to move from one environment to other environments.
* Worked with development teams to design, engineer and implementation of complex infrastructure systems using modern Infrastructure as Code (IaC) frameworks.
* Created a fully CI/CD process, automated Build and deployment Platform and coordinating code build promotions and orchestrated deployments using Jenkins and GitHub.
* Experience in working in .Net application and branching, Tagging, Release Activities on Version Control Tool like GIT and Subversion (SVN).
* Worked as a Release Engineer for Enterprise Applications. Perform App Dynamics post Deployment monitoring and Validation reports.
* Responsibility to perform the Security Scans, defect tracking, defect reporting and defect reproducing using SonarQube, Bugzilla and JMeter.

**Environment**: MS Windows, Linux Servers, Grafana, Jenkins, Maven, GIT, GIT Hub, SVN, Jira, Java/J2EE plugins, .net plugins, Shell (bash), Apache, Tomcat Application Server, IIS, Python Scripts.

**The Warranty Group, Chicago, IL Aug 2017 to Jan 2019**

**Platform Engineer/SRE**

**Responsibilities:**

* Working as a DevOps Engineer for multiple development teams, system analysis team to establish a build schedule, provide a guideline for deployment in higher environments and with troubleshooting, build system failures.
* Responsible for automating alerting and remediation processes to reduce mean time to resolution (MTTR) and improve system uptime.
* Utilized Terraform and Ansible to implement Infrastructure as Code (IaC), automating the provisioning and scaling of resources, resulted in a more resilient and scalable infrastructure as per Site Reliability Engineering (SRE).
* Designed and built Azure V2 network infrastructure including Site to Site connection through Meraki VPN/Firewall appliance, with Point-To Site (V1 network connection to V2 Network) for migration of Azure VMs from classic Portal to Azure Portal.
* Integrated the ELK stack with existing systems and applications to centralize logging and monitoring.
* Deployed Active Directory domain controllers to Microsoft Azure using Azure VPN gateway.
* Automate processes with Power shell scripts, DNS changes, DC builds User management.
* Windows PowerShell development of automation and reporting processes.
* Used Continuous development, Continuous Integration (CI) and Continuous Deployment (CD) in runtime with VSTS.
* Created and wrote shell scripts (Bash), Python and PowerShell for automating tasks.
* Migrated SQL Server 2008 database to Windows Azure SQL Database and updating the Connection Strings based on this.
* Implemented Microservices on Open Shift based on Docker to achieve Continuous Delivery.
* Creating the Docker images and tagged them push that image for all the promotional environments for all the applications.
* Designed, Installed and Implemented CI/CD automation system. Used Ant, Maven as a build tool on java projects for the development of build artifacts on the source code.
* Managed Version Control Subversion (SVN) and GIT Enterprise and automated current build process with Jenkins with proposed Branching strategies to accommodate code in various testing cycles.

**Environment**: SVN, Jenkins, Splunk, Docker, Nexus, GIT, MAVEN, Perl, Puppet, Ansible, Python Scripts, Shell Scripts, RabbitMQ, Kafka, Nginx.

**Pacific Life, Newport Beach, CA. Oct 2015 to Nov 2016**

**Build & Release Engineer**

**Responsibilities:**

* Defined and Implemented CI and Release Management Processes, Policies, and Procedure.
* Collaborated with development teams to define and implement the build process, including build scripts, environment configuration, and dependency management.
* Automated the release pipeline to achieve zero touch deployments using Jenkins, SVN, Nexus, and Nolio.
* Participated in code reviews and provided feedback on code changes related to the build and release process.
* Creation and management of branches, merging branches, deletion of obsolete branches after every release.
* Writing the post-commit and pre-push hooks in Python for code checks.
* Coordinated developers with establishing and applying appropriate branching, labelling/naming conventions using Subversion (SVN) source control.
* Monitored and optimized the build and release process to improve build times, reduce failures, and increase efficiency.
* Designed & engineered custom TeamCity builds and automated installation process of builds managed on TeamCity.
* Analyse and resolve conflicts related to merging of source code for SVN.
* Managed the release pipeline, including versioning, tagging, and branching strategies, to ensure smooth and controlled software releases.
* Developed Scripts for AWS Orchestration using EC2, EBS, S3, Cloud Formation and IAM.
* Goal is to build a HA proxy Infrastructure so that two Docker containers are running behind Application load balancer.
* Installed Ansible Registry for local upload and download of Docker images and even from Docker hub.
* Created and modified build configuration files including POM.xml.
* Utilized Perl and Python for GIT for creating repository hooks.
* Improved the Configuration Management Infrastructure using distributed TeamCity Agents, Git.
* Used Maven dependency management system to deploy snapshot and release artifacts to Nexus to share artifacts across projects and environments.

**Environment**: Java, Maven, ANT, Gradle, Prometheus, groovy, GIT, SVN, Puppet, Jenkins, Ruby, Splunk, JMeter, Tomcat, SonarQube, Bugzilla, Shell, and Perl Scripts, Ansible, PowerShell, Nexus, RHEL 5.x/6. x.

**Magellan Health, Phoenix, AZ. Jan 2014 to Sep 2015**

**Linux System Administrator**

**Responsibilities:**

* Created and maintained user accounts in RedHat Enterprise Linux (RHEL)and other operating systems.
* Migrated different projects from Perforce to SVN.
* Performing NIC bonding on Linux Systems for redundancy.
* Diagnosed and resolved problems associated with DNS, DHCP, VPN, NFS, and Apache.
* Created Bash/shell scripts to monitor system resources and system maintenance.
* Installed, tested, and deployed monitoring solutions with Splunk services.
* Resolved configuration-based issues in coordination with infrastructure support teams.
* Maintained and managed assigned systems, Splunk related issues and administrators.
* Skilled in deploying, configuring, and administering Splunk clusters.
* Responsible for the basic administration tasks related to LDAP and WebSphere Portal.
* Installed and configured servers using RedHat Linux Kickstart method.
* Created Linux Virtual Machines using VMware Virtual Centre, creating VM Templates, and troubleshooting all Virtualization related issues.
* Skilled in troubleshooting and resolving Citrix-related issues, such as connectivity problems, application performance, and user experience.
* Expertise in remote access and application virtualization technologies such as XEN, VMware, ESX, ESXi, etc on Linux.
* Coordinating with 24 x 7 on-call support personnel in debugging.

**Environment**: RHEL, Windows, Shell Script, VMware servers, XEN, ESX, ESXi, WebSphere, Perforce, Splunk Enterprise Server 5.x, SVN, Windows 2003 server, Kick Start, Solaris.

**NU Technology, Chennai, INDIA. Dec 2012 to Jan 2014**

**Linux System Administrator**

**Responsibilities:**

* Installation, configuration, and administration of RedHat/SUSE Linux and Solaris Operating System.
* Worked in server migration using P2P, V2V, and P2v conversion.
* Server hardening, remediating PCI/Audit requirements, server patching, building out VM servers.
* Opening Cases with vendors as needed and providing root cause analysis for problems as needed.
* Moving Linux based applications to different VDC as required.
* Installation, integration, and management of data backup/recovery solutions, configuration of VMWare virtual machines running Oracle/Sun Solaris X86/64, Red Hat Enterprise.
* Managed systems routine backup, scheduling jobs, enabling Cron jobs, enabling system logging and network logging of servers for maintenance.
* Updating DNS entries and server team wiki documentation as needed.
* Creating/expanding NFS shares/add/remove SAN disk/manage LVM.
* Providing on-call help as needed and managing server inventory database.
* Installing operating systems on new hardware or virtual containers.
* Responsible for VM (Windows/Linux) Build Configuration including Storage.

**Environment:** TFS 2010(Team Foundation Server), GIT, JENKINS, PUPPET, OpenShift, REDHAT Linux 3,4.X,5,6, VMware ESX 3.5, Veritas Volume Manager.