**Vijaya Krishna Chirakala**

**Email: krishna.cv007@gmail.com**

**Phone: 412-436-6339**

**Sr.SRE/Sr.DevSecOps/Sr.Solution Architect /Sr.Cloud-Engineer/Sr.System Administration/Project Management**

**SUMMARY:**

* **Around 10+years of IT experience in Software Architect, Design , DevSecOps,CyberSecurity and also as a Project Lead** with expertise in design, plan, install, configure, and automate various implementations of **Centos, RHEL, Ubuntu** and **Windows Server** with 7 years of experience on cloud services **(AWS)** in a DevOps Culture through **Continuous Integration (CI) & Continuous Deployment/Delivery (CD)** as an iterative process and Automation of Infrastructure as Code.
* Experience in installation, configuration and administration of **Centos**, **Red Hat Linux, Red Hat Satellite, Windows Server 2008/2012** and SUSE Linux 10.x/11.
* Worked on Multiple **AWS instances**, **set the security groups**, **Elastic Load Balancer** and **AMI**s, **Auto scaling** to design cost effective, fault tolerant and highly available systems. Also use **EBS** in storing persistent data to mitigate the failure.
* Configured **AWS Security Groups** which acted as **virtual firewalls** that controlled the traffic allowed to reach one or more **AWS EC2 instances.**
* Extensive involvement working with **AWS** provided Solutions like **EC2, ELB, VPC, Route 53, RDS, S3, IAM,** and **Cloud Watch.**
* Experience in creating **User/Group Accounts** and attaching **policies** to **User/Group Accounts** using **AWS IAM service.**.
* Proficient on Automation tools like **Selenium** RC/Web Driver/IDE/Grid and QTP/UFT (Functional & Regression Testing), **SVN, TestNG, JUnit, Ant, Maven, JBehave, Cucumber, Jenkins, Hudson, SOAP UI** for testing Client Server and Web based Applications.
* Working with multiple technical teams, architects, security officers, managers and business users, reviewed and documented workloads, system dependencies and business requirements. Mapped workloads to the capabilities of Microsoft **Azure** for ansible public, private and hybrid clouds.
* Experienced on creating and managing **Azure** VM, VMware tools, Cloud Services and Storages by using Azure Power-shell.
* Deployed Azure IaaS virtual machines (VMs) and Cloud services (PaaS role instances) into secure VNets and subnets.
* Strong knowledge and understanding of the principles and best practices of **Software Configuration Management (SCM) processes**, which include **compiling, packaging, deploying and Application configurations.**
* Experience in working on source repository management tools like **GIT, Subversion (SVN), BitBucket.**
* Experienced in build tools such as **Apache Ant, Maven, Atlassian, Bamboo, Cruise Control**. Extensive experience with Continuous Integration tools **Jenkins** and project dependency management tools **ANT, MAVEN** to build **Java/J2EE applications.**
* Good experience in integrating Automation scripts (Selenium WebDriver API) on Continuous Integration tools **Jenkins** for nightly batch run of the Script.
* Experience and knowledge in writing **Ruby, Python, Shell (Bash), and Powershell scripts** to automate the deployments (CD).
* Developed and maintained end-to-end build scripts using **build.xml**, **pom.xml** for packaging the enterprise applications, **EAR**, **WAR** and **JAR** with **ANT** and **Maven** respectively.
* Experience in virtualization with **Pivotal Gemfire.**
* Strong understanding and knowledge with Configuration and Maintenance of Automation tools like **Chef, Puppet and Ansible.**
* Strong knowledge on automate deployments through configuration management using **Chef** and tested **chef cookbook** modifications on **AWS** cloud instances using Test Kitchen and **Chef** Spec.
* Strong knowledge on written **cookbooks** for various packages and installed them on **VMs** to perform **QA testing.**
* Strong Knowledge on creating **Ansible playbooks** for virtual and physical instance provisioning, configuration management, patching and software deployment.
* Experience in managing **Linux Servers** for a **Webhosting and Application based platform**. Provided Quality Technical Support and Customer Care for Dedicated Web hosting and Product based Companies.
* Strong knowledge of **DNS, DHCP** and **IP Addressing**. Installation and configuration of various services like **DNS, DHCP, NFS**, Send mail, **Apache Web Server, Samba, SSH, HTTP, RPM package management**. Experience in administering Active Directory and group policies.
* Strong knowledge of networking concepts **(DNS, TCP/IP, UDP, HTTP, SSH, OSI layers, Client/Server architecture and Firewalls).**
* Good Knowledge of using different protocols like **FTP, SSH, HTTP, HTTPS and Connect direct.**
* Worked on **GFS** (Global File System) on **Linux and ZFS** (Zeta byte file system) on Solaris**.**
* Strong knowledge in using **Nexus and Artifactory Repository** Managers for **Maven builds.**
* Good knowledge in configuring and deploying **Java** and **J2EE applications** into application servers like **Websphere**, **Jboss** and **Apache Tomcat.**
* Knowledge in **SSL** management on **Apache HTTP** Server and **Tomcat** while creating rewrite rules for **HTTP** to **HTTPS** redirection.
* Knowledge in implementation of **Websphere** Application server fail-over, workload management (WLM) using horizontal scaling and vertical scaling and performance tuning. Knowledge in Installation and configuration of **JBoss** in Domain mode and Standalone mode.
* Strong knowledge in Configuring, Managing Monitoring Tools such as **Splunk, App-Dynamics** for Resource Monitoring/Network Monitoring/Log Trace Monitoring.
* Knowledge on Managing all the bugs and changes into a production environment using the **Jira tracking tool**.
* Knowledge in setting up **JIRA** as defect tracking system and configured various workflows, customizations and plugins for the **JIRA bug/issue tracker.**
* Knowledge on understanding of **SDLC, RUP**, **Agile Methodologies** and process.
* Able to build solid relationships within as well as consensus across multiple teams on environment strategies of build and release process.
* Strong appetite for learning new technologies with positive attitude. Ability to quickly understand, learn and implement the new system design, new technologies, data models and functional components of software system in a professional work environment. Good Interpersonal Skills, team-working attitude, takes initiatives and very proactive in solving problems and providing best solutions.

**EDUCATION:**

* **Master’s in Computers &Information Security Assurance, Wilmington University, USA.**

**TECHNICAL SKILLS**

|  |  |
| --- | --- |
| **Operating Systems** | **RedHat Enterprise Linux 5/6/7, Centos, OEL, SUSE Linux 11/12, HP-UX, Solaris, AIX, Windows Server 2008/2012/2012 R2** |
| **Build/Automation Tools** | **Ant, Maven, AntHill Pro, uDeploy, Bamboo, Jenkins CI, Docker, Kubernetes,** |
| **Databases** | **MySQL, IBM DB2,ORACLE** |
| **Scripting/Programming Languages** | **BASH, Ruby, Python, Groovy** |
| **Web/App Server Tools** | **Apache HTTP, Nginix, JBoss, Oracle Weblogic Server, Websphere, Tomcat** |
| **Monitoring Tool** | **App Dynamics,Dome9,ESP,Zabbix, Splunk, Nagios, HP-Site Scope,** |
| **Ticketing Tools / Project Tracking** | **Service NOW, JIRA, CONFLUENCE, HPSM** |
| **Version Control Tools** | **GIT, SVN, BitBucket, GitLabs, IBM Rational Clearcase** |
| **Virtualization Tools** | **VMware ESXi, vCenter Server, Docker, Pivotal** |
| **Configuration Management Tools** | **Chef, Ansible, Puppet, Salt-Stack** |
| **Cloud Platforms** | **Amazon Web Services, Azure, GCP, Pivotal Gemfire** |
| **Bug Tracking/ Monitoring Tools** | **JIRA, Service Now ,Nagios, Splunk** |

**PROFESSIONAL EXPERIENCE:**

**COMCAST–PHILAPDELPHIA,PA,USA SEPT’2021 - PRESENT**

**Sr.DevSecOps Engineer 4**

**Team: OrderTech Data Platform**

**Responsibilities:**

* Worked on setting up multiple platforms for OTDP, Mentoring peers for automation and analyze the projects.
* Onboarding new DB and able to complete the Enterprise version of **MongoDB** with TDE Encryption which is a security compliance and able to complete the project in time.
* Worked on **CCP** (**Comcast Cloud Platform**) by creating teams org in OCP (One Cloud Portal) exploring and provisioning the **TSF** (Tenant Security Framework) spinning up the **CCP** vm’s as per standard and integrate to or TSF.
* Helping out the team on designing and planning for the applications hosting in Steel cloud and migrating it to CCP.
* Migrated some of the critical applications from Steel cloud maintained by OTDP, Enhanced the CI-CD Pipelines creating as per the comcast standards from **GitHub** to **Jenkins** and validate it successfully.
* Successful in setting up the **Jenkins** Shared where the part of pipeline can be utilized by multiple applications without making any changes to the pipeline script and tested and integrated it out OTDP Libraries.
* Involved in Project Management by analyzing the Goals and Deliverables for the current year and able to manage the project assigned to the resources with a productive outcome and helping them to clear blockers related to their projects.
* Expertise in creating **CI-CD** pipelines using any DevOps automation tools as per Organization Governance and integrate it with **On-Premise** and **Public Cloud.**
* Creating clusters in **Databricks** for our appteams and configuring the pipelines for build and deploy the jars from our artifactory to edgenodes clusters
* Designed and developed a highly efficient data pipeline to ingest, store, and process data from multiple sources, resulting in a 30% reduction in data processing time and improved data accuracy in **Databricks**.
* Implemented advanced data quality and governance processes, leading to a 25% decrease in data errors and ensuring compliance with industry regulations in **Databricks**.
* Developed and maintained machine learning models to predict customer behavior, resulting in a 15% increase in customer retention and a 10% improvement in cross-selling opportunities in **Databricks**.
* Extensively worked on **AWS Glue** , Creating crawler, Data Catalogs as part of AWS Lake Formation to have our own S3.
* Onboarded the AWS Lake formation in our platform, Configured the **AWS Glue** for our Data Ingestion framework
* Worked on configuring **SSO** (Single sign on) using SAML 2.0 protocol to exchange certificates for secure authentication as per compliance.
* Securing by Monitor the Cluster and nodes in **App Dynamics** to test the Application Performance Management (APM). Monitors Application Infrastructure and check code level visibility.
* Designed and built dashboards for use in monitoring performance metrics while maintaining existing dashboards for accuracy and efficiency and incorporating changes using **Tableau**.
* Used advanced chart visualizations in **Tableau** such as dual axis, box plots, bullet graphs, treemaps, bubble charts, and waterfall charts—to solve complex problems and to create interactive dashboards and visualizations.
* Served as a **Tableau** Liaison to mentor our team on all Tableau best-practices while supporting other developers specifically in data-source identification.
* 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.
* Experienced in developing **Power BI** reports and dashboards from multiple data sources using data blending
* Experience with **Snowflake** cloud data warehouse and AWS S3 bucket for integrating data from multiple source system.Participates int the development improvement and maintenance of **snowflake** database application
* Providing On-call Support on every alternative week as a rotational basis, involved in resolving complex issues, getting feedback and document it in the **Confluence**.

**DISCOVER FINANCIAL SERVICES (DFS)-RIVERWOODS,IL,USA APRIL’2020 – SEPT’2021**

**Sr. Solution Architect**

**Project: PIVOTAL GEMFIRE DATA MIGRATION IN ON-PREM With ZERO DOWNTIME**

**Team: IMDG (IN MEMORY DATA GRID)**

**Responsibilities:**

* Lead both offshore and onshore team and Experience in automating **Pivotal Gemfire Clusters** using **chef** cooks books. Worked on distributed data management platform providing dynamic scalability, high performance, and database-like persistence.
* Worked on **Gemfire** to dynamic replication and data partitioning techniques to implement high availability, improved performance, scalability, and fault tolerance.
* Creating a **CI-CD** pipeline through **Jenkins** to update, adding new features to the **Gemfire** clusters and cache nodes.
* Troubleshoot with the **Gemfire Cluster** issues, Deploying applications and automate the test procedure to check the file system and storage of the clusters and cache.
* Proficient in creating **Jenkins** pipeline through groovy base and good hands on troubleshooting the issues with the pipeline
* Expertise in creating Health Rules in **App Dynamics** and integrating to Prod and Dev Gemfire Clusters. Create Dashboards to monitor disk and cpu utilization.
* Written **Ansible** playbook to install and configure Apache tomcat server by including the hostnames of specific machines on which tomcat to be deployed on specific ports.
* Worked on **Ansible** as Configuration management tool, to automate repetitive tasks, quickly deploys critical applications, and proactively manages change.
* Managing the configurations of multiple servers using Ansible.
* Experience with **Ansible** Tower to manage Multiple Nodes and Manage Inventory for different Environments.
* Managing all aspects of the **software configuration management process** including code compilation, packaging / release methodology, and application configurations. Installing and Configuring **Linux servers**, user administration and profiles.
* Experience in implementing performance and load testing using **Gatling,** Integrate to the Gemfire Clusters and perform **Stress testing** and able to create logs.
* Managed **Disk File Systems**, server Performance, Users Creation and granted file access Permissions.
* Participated in weekly release meetings with technology stakeholders to identify and mitigate potential risks associated with the releases
* Perform periodic system audits on all environments to ensure that only controlled versions of software reside all environments
* Involved on finding the root cause and failure analysis to resolve technical problems.
* Performed ongoing performance tuning, upgrades and resource optimization as directed
* Responsible for **automating operational tasks** using scripting such as **Bash**.

**CLIENT: VANGUARD, MALVERN, USA FEBRUARY’19–MARCH’20**

**Sr. Cloud Architect**

**Project: NPS MIGRATION (NET PROMOTER SCORE / TRANSACTION SURVEY LISTS AUTOMATION)**

**Team: CAI-IT DATA SCIENCE (CENTER FOR ANALYTICS AND INSIGHTS)**

**Responsibilities:**

* Reverse engineering the traditional **SAS code** (**Statistical Analysis System**) understand the logic and automating the whole process through **Python**, **Tableau** / **Datameer**.
* Expertise in using Bitbucket as a version control and creating build and deployment plan using bamboo.
* Expertise in creating **EMR Cluster** (**Elastic Map Reduce**) through the **Governance** customized **Cloud Formation Template** as an infrastructure.
* Hands on experience in creating **Transformation Cluster, Query Cluster, Ingestion Cluster** which helps in **Data migration**, **Data query** and **Data Ingestion** from **On-Prem** to **Cloud**.
* Experience in working on **Domino** (**Data Science Platform**) on creating different projects, work platforms in **Pyspark, Jupyter.**
* Configuring and deploying instances on **AWS** environment and Data centers, also familiar with **EC2, Cloud watch**, **Elastic Search** and managing **security groups** on **AWS**.
* Designed AWS Cloud Formation templates to create custom sized **VPC**, **subnets**, **NAT** to ensure successful deployment of Web applications and database templates.
* Maintained the user accounts **(IAM**), **RDS**, **Route 53**, **VPC**, **RDB**, **Dynamo** **DB**, **SES**, **SQS** and SNS services in AWS cloud.
* Build and configure a virtual data center in the Amazon Web Services cloud to support Enterprise Data Warehouse hosting including **Virtual Private Cloud (VPC**), **Public and Private Subnets**, **Security Groups**, **Route Tables**, **Elastic Load Balancer.**
* Leveraged AWS cloud services such as **EC2**, **auto-scaling** and **VPC** to build secure, highly scalable and flexible systems that handled expected and unexpected load bursts.
* Worked on **AWS and EC2, VPC, Cloud watch, IAM and Elastic Beanstalk cloud** for provisioning and managing infrastructure through automation.
* Experience in Using **Terraform to wrote Cloud formation scripts** automate the provisioning of **AWS** resources like **IAM, EC2, S3, Route 53, SNS, RDS, ELB and Auto Scaling** and make calls to **Puppet scripts** that provisioning / configuration of servers on the instances•
* Experienced with **AWS** cloud Resources which includes services like **EC2, S3, IAM, Security Groups, RDS, VPC, Route 53, Auto scaling, Cloud watch, Key Pairs and Elastic Beanstalk.**
* Worked on creation and managing IT infrastructure and application stack using **AWS Cloud Formation** and writing the template file using **JSON**.
* Created monitors, alarms and notifications for **EC2 hosts** using **Cloud Watch.**
* Experience on visualizing data through different data preparation tools like **Tableau** and **Datameer**.
* Hands on Configuring and Deploying **IAM** Roles, Policies as per Governance.
* Worked on Java language and TestNG framework for scripting. Used TestNG for building the WebDriver project. Integrated with Continuous Integration tools **Jenkins** for running test on nightly basis automatically.
* Managed the version controlling systems like SVN, Git and Created the hooks in code hub for automated build and configured the **Jenkins** to kick off the builds for extracted the war file and deployed in the application to DEV server like apache tomcat, and OpenShift server.
* Installed and Configured **Apache Tomcat 6.0** application servers on various environments like **Dev, Test,** Pre-Production and Production.

**CLIENT: COMCAST, PHILADELPHIA,USA NOVEMBER’17 –DEC’18**

**SITE RELIABILITY ENGINEER-SRE**

**Project: ASTRO (ALL CLOUD SECURITY TACTIAL RESPONSE OPERATIONS)**

**Team: PUBLIC - CLOUD**

**Responsibilities:**

* Implement and set up **Google Cloud Platform** (GCP). Expertise knowledge on creating **virtual machines** through **compute engine** enabling scaling from single instances to global.
* Strong hands on google cloud storage from online storage by providing a unified offering across the availability spectrum
* Ability to create google **container engine** which is a cluster manager and orchestration system for running docker containers.
* Good knowledge on creating cloud functions, which acts as a serverless applications on google's infrastructure.
* Expert knowledge on creating **Virtual private cloud** for managing networking functionality for cloud platform resources.
* Made and deployed packer script in Google Cloud to make windows and linux servers as per Comcast security team’s requirements.
* Experience in creating User/Group Accounts and attaching policies, roles, permissions to User/Group Accounts using GCP **IAM** service.
* Implemented **Terraform** modules for deployment of various applications across multiple cloud providers and managing infrastructure.
* Worked on **GIT/Bit-Bucket** for source code management. Project maintenance in Git, **Bit Bucket**, Documentation in Confluence.
* Implemented multi user Development environment using **GIT, Bit Bucket** etc.
* Experience on **Nagios** and automated configuration service and system performance and health monitoring
* Experience in Monitoring teams to identify and troubleshoot issues on servers using tools like **Nagios**, **splunk.**.
* Created **Docker** images using a Docker file, worked on Docker container snapshots, removing images and managing Docker volumes also deployed **Docker Swarm** using Ansible.
* Worked on creating **Docker** containers leveraging existing Linux Containers and AMI's in addition to creating **Docker** containers from scratch.
* Created the Docker file and built various containers using Docker engine and Docker Machine environments and set up the automated build on **Docker HUB**.
* Implemented the function to send and receive AMQP messages on RabbitMQ synchronously and asynchronously, send JMS message to Apache ActiveMQ on the edge device.
* Hands-on experience in using message brokers such as ActiveMQ and RabbitMQ.
* Worked on **Docker** and **Kubernetes** on cloud providers, from helping developers build and containerize their application (CI/CD) to deploying either on public or private cloud.
* Scheduled, deployed and managed container replicas onto a node cluster using **Kubernetes.**
* Created private cloud using **Kubernetes** that supports **DEV**, **TEST**, and **PROD** environments.
* Managed to code and script in **Python.** Experience with systems and IT operations, monitoring operations is involved.
* Installed and configured **Nginix** as reverse proxy, webserver for multiple sites. Worked with server, location, SSL configuration sections in Nginix.
* Worked on PoC (Proof Of Concept) for Cloud Compliance tools like **Dome9 & Evident Security Platform.** Implementing the audit script in **Dome9 & Evident** to check the Security and Vulnerabilities if any.
* Integrating the Security Compliance tools with **Slack** to get notified whenever we perform the Run Check for the Compliance tools
* Worked on **Splunk** as a **monitoring tool** for system performance by **troubleshooting**, **monitoring** and **security investigations.**

**Blue Lotus - Systems, Virginia, USA March’2017 – October’17**

**Cloud Engineer – AZURE:**

* Designed and configured **Azure Virtual Networks** (VNets), subnets, **Azure** network settings, DHCP address blocks, DNS settings, security policies and routing.
* Deployed **Azure IaaS** virtual machines (VMs) and Cloud services (PaaS role instances) into secure VNets and subnets.
* Experienced on creating **Azure VM**, Cloud Services and Storages by using Azure Power-Shell Script.
* Designed User Defined Routes with custom route tables for specific cases to force tunneling to the Internet via On-premise network and control use of virtual appliances in the customer's **Azure** environment.
* Provided high availability for IaaS VMs and PaaS role instances for access from other services in the VNet with **Azure** Internal Load Balancer.
* Leveraged "**Azure Automation**" and PowerShell, Chef and Puppet to automate processes in the **Azure Cloud**.
* Experienced on implementation of Office 365 and **Azure Active Directory** for single sign on, authentication, authorization and **Azure Role-based Access Control** (**RBAC**).
* Experienced on Virtual machines, virtual network, SQL database, traffic manager, storage, Express Route, Automation on Windows **Azure** platform services.
* Worked on escalated tasks related to interconnectivity issues and complex cloud-based identity management and user authentication, service interruptions with Virtual Machines (their host nodes) and associated virtual storage. (Blobs, Tables, Queues).
* Design, Implement, manage, backup, and monitor storage solutions in accordance with the HA and DR requirements of the enterprise Hosting environment, Create and manage **Azure AD** tenants, and configure application integration with **Azure AD**.
* Worked on creating and managing **Azure VM**, VMware tools, Cloud Services and Storages by using Azure Power-shell.
* Deployed **Azure IaaS** virtual machines (VMs) and Cloud services (PaaS role instances) into secure VNets and subnets.
* Designed VNets and subscriptions to confirm to **Azure Network Limits**.
* Exposed Virtual machines and cloud services in the VNets to the Internet using **Azure External Load Balancer**.
* Implemented high availability with Classic and **Azure Resource Manager** deployment models.
* Developed a migration approach to move workloads from On-Premises to **Windows Azure** or develop new cloud-ready application solutions.

**Teaq Technologies, Karnataka, INDIA February’2012 – June’14**

**AWS /Devops Engineer**

**Responsibilities:**

* Identify new tools/technologies that will make the release and **SCM process** more efficient, repeatable, reliable, and cost effective.
* Managing **Amazon Web Services (AWS)** infrastructure with automation and configuration management tools.
* Configuring and deploying instances on **AWS** environment and Data centers, also familiar with **EC2, Cloud watch**, **Elastic Search** and managing **security groups** on **AWS**.
* Designed AWS Cloud Formation templates to create custom sized **VPC**, **subnets**, **NAT** to ensure successful deployment of Web applications and database templates.
* Worked user accounts **(IAM**), **RDS**, **Route 53**, **VPC**, **RDB**, **DynamoDB**, **SES**, **SQS** and SNS services in AWS cloud.
* Build and configure a virtual data center in the Amazon Web Services cloud to support Enterprise Data Warehouse hosting including **Virtual Private Cloud (VPC**), **Public and Private Subnets**, **Security Groups**, **Route Tables**, **Elastic Load Balancer.**
* Performed Elastic Load Balancing to distribute incoming traffic across multiple **EC2 instances** (Creating load balance, HTTPS Load Balancers, Monitoring etc.
* Worked in automation deployments using AWS by creating the **IAM** roles and policies and installed the code pipeline plugin to integrate **Jenkins** with **AWS** and created the **EC2 instances** to provide the virtual servers.
* Proficient on Automation tools like Selenium RC/WebDriver (Functional & Regression Testing), **TestNG**, **Junit**, **ANT**, **Maven, Jenkins** and SOAP UI Pro for testing Client Server and Web based Applications.
* Managed and implemented Automated execution of tests using **Maven** and **Jenkins**
* Strong knowledge on creating **Chef** Cookbooks and recipes to maintain different parts of the infrastructure and further automated using these cookbooks.
* Build Engineer for a team that involved different developments teams and multiple simultaneous software releases.
* Wrote Ant build scripts for creating **jar, war and ear artifacts,** which were then deployed to **Tomcat and JBOSS**.
* Hands on **puppet** which includes Installing **puppet master**, **agents, writing manifests** and pushing them to agents for **CI** and **CD**
* Installed, configured and worked on version control using **GIT** and **GITHub**.
* Experienced and proficient deploying and administering the version across the environments using **SCM** tools like **GITHub** on Linux and windows platforms.
* Experienced with version control systems **Git** and **Subversion.**Developed automation and deployment utilities using **Ruby, Bash, Powershell** and **Python.**

**Teaq Technologies, Karnataka, INDIA May’11 – January’2012**

**System Administrator**

* Worked on installation and configuration **Redhat Cluster Suite in Linux Servers.** Installed and configured the **Red Hat Linux 5.x** on **HP-Dl585 servers using Kick Start**
* Installed & Configured **RAID Volume Management** using VERITAS Volume Manager in Solaris.
* Installed and configured the **RPM** packages using the **YUM** Software manager.
* Created groups, added Users ID to a group as a primary or secondary group, removing Users ID from a group as well as adding users in Sudoers file.
* Maintained networks for minimal / no downtime. Knowledge of **DNS** service (bind) installation and configuration.
* Providing various Access Permissions to the Users as per client’s requirement.
* Upgrades, installs, configuration and administration security and monitoring tools on Linux. Data Compressing, Backup and recovery using tar command.
* Perform day to day **Linux administration** such as user accounts, logon scripts, file system shares, permissions.
* User Administration, User and **Shell Configuration**, User account management creation, deletion and assigning permission.
* Act as backup to the **Network Administrator** including network setup, administration, upgrade, troubleshooting, monitoring and building of networked servers
* .Networking communication skills and protocols such as **TCP/IP, Telnet, FTP, NDM, SSH, rlogin.**
* Worked on installation and management of network related services like **DNS, LDAP, NTP, SMTP, Active Directory** , Send mail, **FTP,** Remote Access, Security Management & Security troubleshooting skills
* Setup of full networking services and protocols on Linux, including **NIS/NFS, DNS, SSH, DHCP, NIDS, FTP, TCP/IP,** and print servers to insure optimal networking and printing functionality.
* Managed shared **NFS** files system, mounting and unmounting **NFS** server, **NFS** client on remote machine, sharing remote file folder, starting and stopping the **NFS** services.
* Migrating of using **VMotion** Performing **Snapshots, Cloning, Cold Migrations and Hot Migrations**.
* Good performance analysis and capacity planning skills related particularly to virtualize server environments like **VMware Virtualization**.
* Worked on **Nagios** and automated configuration service and system performance and health monitoring.

|  |
| --- |
| **CERTIFICATIONS** |

* **IBM ARTIFICIAL INTELLIGENCE (AI) Coursera**
* **Certificate of completion on Google Cloud Fundamentals (CP100A) by ROI Training**
* **AWS Certification on Virtual AWSome DAY**
* **SALESFORCE CERTIFIED ADMINISTRATOR**
* **SALESFORCE CERTIFIED PLATFORM DEVELOPER**