MANIPRIYA. P

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PROFESSIONAL SUMMARY:

- Accomplished Linux system/Windows administrator **& Sr. DevOps/Cloud Engineer** with **7 years** of experience managing and involving in server infrastructures, administration of mission critical, high availability environments.
- Implemented infrastructure on new **AWS** systems and migration of existing Linux and Windows based infrastructure to AWS Cloud platforms using **Terraform,** Cloud Formation Templates.
- Implemented LDAP integration to filter the security for the Prod, Dev and Test environment for Deployment jobs in **Jenkins.**
- Building/Maintaining **Docker** container clusters managed by **Kubernetes.**
- Hands on experience with an in-depth level of understanding in the strategy and practical implementation of AWS cloud-specific technologies including Elastic Compute Cloud(EC2), Simple Storage Services (S3), Route 53, Elastic Bean Stalk, Virtual Private Cloud(VPC), RDS, IAM, &Elastic Load Balance(ELB).
- Designed and implemented **AWS** infrastructure with **AWS services** such as Elastic Beanstalk and S3 and Deployed code across multiple servers effortlessly.
- Extensive experience in **Azure** Storage. Managed Blob storage & Table storage with access keys in some of the web application.
Established infrastructure and service monitoring using **Prometheus and Grafana.**
- Azure administrator to implement, monitor and maintain **MS Azure** solutions and major services related to compute, network, security, and storage.
- Good understanding in **Azure** networking, Storage, VM provisioning, RBAC, NSG, Automation, Monitoring AZ Copy, AD, Application Insights, **ARM Templates** automation etc.
- Proven ability to successfully analyze an organization cloud migration, managing both classic & ARM portal, effectively use Power Shell to manage **Azure services**, troubleshooting access related issues.
- Planning and Deployment of cloud infrastructure-based telecom products on OpenStack based cloud solution.
- Used **Jenkins** and pipelines to drive all microservices builds out to the Docker registry and then deployed to **Kubernetes,** Created Pods and managed using **Kubernetes.**
- Written YAML files and Cloud-init Scripts to deploy the Service Groups on to the OpenStack Cloud.
- Developed Templates for **AWS** infrastructure as a code using **Terraform** to build staging and production environments.
- Performed application Deployments & Environment configuration using **Ansible.**
- Experienced in writing **Chef Recipes** to automate our build/deployment process and do an overall process improvement to any manual processes.
- Design, deploy and manage a Continuous Integration System which includes automated testing and automated notification of results using technologies like **Ansible, Terraform** and Packer.
- Working on creation of custom **Docker** container images, tagging and pushing the images.
- Implementing infrastructure on new **AWS** systems and migration of existing **Linux and Windows** based Infrastructure to AWS and Azure Cloud plat forms and automated using Terraform Templates
- Built end to end CI/CD Pipelines in **Jenkins** to retrieve code, compile applications, perform tests and

push build artifacts to **Nexus.**

• Experience in branching, tagging and maintaining the version across the environments working on Software Configuration Management **(SCM)** tools like Subversion **(SVN)**and GitHub.

• Written **Maven** scripts, Shell script for end to end build and deployment automation.

• Monitoring the project applications/services using **Splunk and Nagios** monitoring tools

• Good knowledge in monitoring tool **Prometheus** to monitor application servers and services.

• Implemented features of **ELK** for logging mechanism in an application framework.

• Implementing DevOps continuous integration (CI) and continuous deploy with Microsoft **VSTS (Azure DevOps)** between the different environments of developer, QA and Production.

• Managing and administrative Git, monitoring the infrastructure and application with help of **new relic,** CloudWatch.

• Worked on multiple **SQL DB versions** and provide support to multiple PROD database.

• Installation, Configuration and Troubleshooting of RedHat Linux 6.x and 7.x Servers on **VMware Platform**.

• Cultivating **PowerShell** scripts to create multi windows servers with required configuration (memory, RAM, Hard-disk, and Network Adapter) and for different purpose like configuring Network connection.

• Expertise with **Linux and Windows** environments including shell, batch and **PowerShell** scripts.

Skills

➢ **Operating Systems:** Windows (2008,2012,2016), UNIX, LINUX (RHEL, Cent OS, Ubuntu), OS X.

➢ **Configuration Management:** Chef, Ansible.

➢ **CI/CD Tools:** Jenkins, Bamboo, VSTS (Azure DevOps).

➢ **Cloud Environments:** AWS, AZURE, OpenStack, Google Cloud, IaaS, PaaS, SaaS.

➢ **Infrastructure automation:** Cloud Formation, Terraform

➢ **Version Control Tools:** Git, Subversion SVN, Bitbucket.

➢ **Build tools:** Ant, maven, GRADLE.

➢ **Web servers:** Apache, Tomcat, JBoss, Nginx.

➢ **Monitoring Tools**: Nagios, Splunk, Prometheus, Grafana, New Relic, ELK.

➢ **Containers Tools:** Docker, Kubernetes, OpenShift.

➢ **Networking/protocol:** TCP/IP, NIS, NFS, DNS, DHCP, Cisco Routers/Switches, WAN, SMTP, LAN, FTP/TFTP.

➢ **Java Technologies:** Core Java, Java Server Pages, Servlets, JDBC, Multi-threading, Event Handling.

➢ **Scripting:** Perl, Python, Ruby, Bash shell, PowerShell scripting.

➢ **Virtualization Technologies:** VMWare ESXi, Hyper-V, Power VM, Virtual box, Citrix Xen.

Work History

Sr. Azure Cloud Engineer   2020-08 – Present
OPTUM, Hartford, Connecticut

• Created **AKS cluster** with various Storage accounts and file shares where Customers can upload there customized rate configuration files then deploy them in **AKS** by transferring files to related Storage Account files shares of customer using **AZCOPY.**

• Managed **Azure** Infrastructure **Azure Web Roles**, **Worker Roles**, **VM Role, Azure SQL**, **Azure Storage**, **Azure AD** Licenses, **Virtual Machine Backup** and Recover from a Recovery Services **Vault** using **Azure PowerShell** and **Azure Portal**.

- Worked with **Nagios** for **Azure Active Directory** & **LDAP** and Data consolidation for **LDAP users**. **Monitored** system performance using **Nagios**, maintained **Nagios** servers and added new **services & servers**.
- Written **Templates** for **Azure Infrastructure as code** using **Terraform** to build staging and production environments. Integrated **Azure Log Analytics** with **Azure VMs** for monitoring the **log files**, store them and track metrics and used **Terraform** as a tool, **Managed** different infrastructure resources **Cloud**, **VMware**, and **Docker** containers.
- Created **Kubernetes** local environment for testing code, using Docker Desktop then maintained data, library and rate configuration files in on-prem servers.
- Uploading **rate files to Artifactory**: Downloaded zip files from NAS extracted zip files indiviually then uploaded files to Artifactory.
- Experienced in automating, configuring and deploying instances on **Azure**, **AWS**, and Rackspace cloud environments and Data centers with-in depth knowledge on **ELK** Stacks such as **Elasticsearch, Logstash and Kibana.**
- Involved in using **Terraform** and **Ansible**, migrate legacy and monolithic systems to **Azure** and managing **Ubuntu and RHEL** virtual servers on **Azure** by creating **Ansible** Nodes.
- Used **Terraform** to reliably version and create infrastructure on **Azure**. Created resources, using **Azure Terraform modules,** and automated infrastructure management.
- Similar infrastructure is deployed to **Azure** and additional cloud providers or on-premises datacenters using **Terraform** and managed infrastructure on multiple cloud providers.
- Used both **Splunk** for monitoring and analyzing log information. Experienced in Troubleshooting. **Splun**k search, quotas, monitor Inputs, WMI Issues, Splunk crash logs and Alert scripts.
- Experience with **Open Shift, Kubernetes** architecture and design, troubleshooting issues with platform components **Azure**, and developing global or multi-regional deployment models and patterns for large-scale developments and deployments on **Cloud Foundry, OpenShift and Kubernetes**.
- Used **Git** as Source code Manager, Phabricator for code review, **Git repository** hosting, bug tracking, project management, team collaboration tool, Arcanist as a command line interface to Phabricator to create Lint's for reviewing code.
- Worked with different Bug tracking tools like **JIRA.** Generated reports using **JIRA** for creating projects, assigning permissions to users and groups for the project and created mail handlers and notifications schemes for **JIRA.**
- Build_rate_from_vault: worked on **PowerShell** scripts to get files from vault and created a new pipeline build rate from vaults and uploaded files to **Artifactory.**
- **EZG DAT build from NAS**: Build images by including DAT files lib files and pushed images to **Artifactory.**
- Troubleshooted build issues with images and set properties to images **using** JFROG **spec** schema queries.
- **EZG volume image build:** Created docker images which contains easygroup/lib and easygroup/dat folders with DAT and lib files.
- Created **docker file** to copy lib/DAT and manifest.json file which includes **docker image** properties.
- Created a new **pipeline for build_rate** from vault to replace BUILD rate from NAS
- Worked on updating generate_ezg_jobs to use parameters to build new pipelines in Jenkins production.
- Versionized easygroup web services with assembly **Version+ Jenkins** build id and timestamp.
- Added promote step easygroup web services and included qa/final labels to web Services images.
- Worked on detecting failures in **PowerShell** script which helps downloading rate, vault, NAS files from JFROG **Artifactory.**
- Worked on **helm charts** to populate to shared volumes with files from latest easygroup volume image.
- Worked on uploading rate files to **Artifactory.**
- Worked on adding promote steps to **EasyGroup** web Services images.
- Worked on creating manifest files for dat_builds and added properties to artifacts which helps filtering artifacts based on properties.

- simplified PowerShell script to download artifacts from **JFROG Artifactory** using hash map.
- Worked JFROG spec schema to query artifacts with timestamps and properties.
- Worked on **groovy script** for generate_ezg_jobs to create new product pipelines with the help of custom template by passing desired set of parameters from **Jenkins** file.
- Updated **Jenkins file** of dat_build to create manifest file with list of vault source paths used.
- Worked on Automating to run source files in **Aix** environment using **Jenkins ssh** agent using bash script.
- Worked on downloading latest Source zip files from **Artifactory** and compailing source files in a loop using ssh agent and **bash script.**

Sr. Azure Cloud Engineer   2020-01 – 2020-08.
Microsoft, Redmond, WA

- Worked on **Azure Cloud Services, Azure Storage, and SQL Azure** and in different PaaS Solutions with Web, and worker Roles and Azure Web Apps.
- Created ARO (Azure Red Hat OpenShift) cluster deployed azure Big Data Cluster with ARO-dev-test profile, created patch files to add Active directory user to ARO.
- Worked on Stress test for deployments in ARO (Azure Red Hat OpenShift), Kubernetes cluster in on prem and AKS clusters and OpenShift cluster in on-prem using python, bash, and PowerShell scripts.
- Created one python script for deploying Big Data Cluster using ARO-dev-test profile, kubeadm-dev-test profile, OpenShift-dev-test profile, aks-dev-test profile on respective environments.
- Worked on Code-ready-Containers of OpenShift cluster which will help us set up openshift containers on lab servers with Hyper V and set up Azure DevOps pipelines to create CRC (Code-Ready-Container), execute code from git repo in CRC and collect logs, Artifact and remove CRC for next runs.
- Created OpenShift cluster with 3 master nodes and 6 worker nodes using on prem lab servers, created manifest file to create Control pods, master pool pods and compute pool pods and data pool pods for Big data cluster and added Active Directory users with various restricted accesses, mounted PVs from local-storage.
- Worked on Azure VPN-Point to Site, Virtual networks, Azure Custom security, end security and firewall. Used Azure Express Route to set up a private connection to Microsoft cloud services such as a Microsoft Azure, Office 365, and Dynamic 365.
- Worked on automating, configuring and deploying instances on Azure.
- Created Shell scripts (Bash), Ruby, Python, Groovy, YAML and Power Shell for automating tasks.
- Worked on Configuring and Managing logging and monitoring tools such as Nagios, AppDynamics, Prometheus, SumoLogic, Splunk, ELK.
- leveraged **TFS** (Team Foundation Server) environments using Visual Studio, .NET and **Microsoft SQL Server.**
- Worked on Backup and restore Azure services and in Design and configure Azure Virtual Networks (VNets), subnets, Azure network settings, DHCP address blocks, DNS settings, security policies and routing. Azure cloud services, Blob storage, Active directory, Azure Service Bus, Cosmos DB.
- Expertise in Azure Scalability and Azure Availability - Build VMs availability sets using the Azure portal to provide resiliency for IaaS based solution and Virtual Machine Scale Sets (VMSS) using Azure Resource Manager (ARM) to manage network traffic.
- Migrated on-premises applications to Azure and configured VNETs and subnets as per the project requirement also performed PowerShell scripting to do Patching, Imaging, and Deployments in Azure.
- Created multiple **Python, Bash, Shell and Ruby Shell Scripts** for various application level tasks.
- Involved in design, implementation and modifying the **Python** code.

- Automated setting up server infrastructure for the **DevOps** services, using **Ansible**, **shell** and **python scripts**.
- Worked on Python development under Linux OS and Windows OS.
- Wrote Python code embedded with JSON and XML to produce HTTP GET request, parsing HTML data from websites.
- Installed SQL Server 2012 versions using **PowerShell Desired State Configuration (DSC)** and post install Server configuration.
- Automating the configuration setup when moving an application from one environment to other using **the PowerShell Desired State Configuration scripts (DSC).**
- Deployed the configuration of Virtual Machines by using **PowerShell Desired State Configuration** which is a management platform in Windows PowerShell.
- Worked in container-based technologies like **Docker**, **Kubernetes** and **OpenShift**
- Managed the **OpenShift** cluster that includes scaling up and down the Azure app nodes.
- **OpenShift** virtualized PaaS provider - useful in automating the provisioning of commodity computing resources for cost and performance efficiency.
- Worked on Red hat OpenShift to improve application security by putting admin consoles on different Docker containers accessible only from unusual port numbers.
- Worked on OpenShift for container management and to enhance container platform multi - tenancy.
- Utilized **Docker** for the runtime environment of the CI/CD system to build, test deploy.
- Created builds and release pipelines in Azure Devops and done deployments using SPN (secure endpoint connection) for implementing CI/CD.

Sr. Azure Cloud Engineer   2018-08 – 2020-01
Amdocs Inc, Philadelphia, PA

- Worked on **Azure** PAAS services, managed few PAAS services like Web Apps, Azure SQL DB, Service bus, Traffic manager.
- Experience in export and import data to and from storage account across **Azure** subscriptions and within same subscription.
- Provided consulting and cloud architecture for premier customers and internal projects running on **MS Azure** platform for high availability of services, low operational costs.
- Deployed Web app, Web jobs, **Azure DevOps/VSTS** - Azure Pipeline, Build, Release, Storage strategy -Blobs, Create and manage **VM, ARM** templates.
- Performed cloud migration, managing both classic & ARM portal, effectively use **Power Shell** to manage **Azure** services, troubleshooting access related issues.
- Developed Templates for **AZURE** infrastructure as a code using **Terraform** to build staging and production environments.
- Involved in development of test environment on **Docker** containers and configuring the Docker containers using **Kubernetes.**
- Developed microservice on boarding tools leveraging Python and Jenkins allowing for easy creation and maintenance of build jobs and **Kubernetes** deploy and services.
- Experience in implementing elastic search clusters on Microsoft Azure using **Terraform** scripts.
- Configured and integrated the servers for different environments to automatically provision and configuration management of Linux instances using CM/ Provisioning tool **Chef.**
- Built and managed a large deployment of Ubuntu Linux instances systems with **Chef** Automation.
- Wrote **CHEF** recipes, tools, shell scripts and monitoring checks.
- Experienced with Automating and improving infrastructure, using Open Source tool **(Ansible)** for configuration management, infrastructure deployment and orchestration.

- Wrote platform specific scripts and used **Ansible** to execute these scripts on the environment in which discovery must be performed.
- Performed troubleshooting in **Kubernetes and Docker** containers and Docker compose.
- Responsible for managing the **Docker** private registry.
- Experience in implementing and managing Docker-based infrastructure using **Kubernetes.**
- Container management using Docker by writing Docker files and set up the automated build on Docker HUB and installed and configured **Kubernetes.**
- Worked on Continuous integration and continuous delivery pipeline using **Jenkins** for building the artifacts and Octopus for the deploying the build artifacts.
- Completed User Stories following Agile methodology using Scrum and familiarized with the agile project management process in **JIRA.**
- Hands on experienced in **Git** for branching, tagging and version management.
- Maintain all components of a distributed **SPLUNK** infrastructure including indexer clusters, search head clusters, and deployment servers.
- Installation, configuration, and deployment of **SPLUNK** and associated apps in clustered and distributed environments.
- Experience on Controller maintenance activities as well as auto configuration using **PowerShell.**
- Manual Task Automation has been accomplished using scripting language -bash and **PowerShell.**
- Worked on deployment of **Java and .Net** based Applications.
- Profusely worked on Installation, Configuration and Management of RDBMS and NoSQL tools such as SQL Server MySQL, DB2, PostgreSQL, and MongoDB, DynamoDB& Cassandra.
- Worked on Operating systems like Linux, windows and on different Database like Postgres SQL, Oracle.
- Install and update the security patches and software updates in **Linux/Unix/Windows servers.**
- Installed, configured, and maintained Monitoring Tool and another respective tool on **LINUX** as well as **WINDOW** platform.

Sr. DevOps/AWS Engineer   2016-11 - 2018-08
Elsevier, Philadelphia, PA
- Extensively worked on deployment, data security and troubleshooting of the applications using **AWS** services.
- Cognitive about designing, deploying, and operating available, scalable and fault tolerant systems using Amazon Web Services **(AWS CDK).**
- Performed understanding of the strategy and practical implementation on **AWS CDK** cloud-specific technologies including Elastic Compute Cloud (EC2), Simple Storage Services (S3), Route 53, Elastic Bean Stalk, **Virtual Private Cloud (VPC),** RDS, IAM, &Elastic Load Balance (ELB).
- Handling EBS and S3 backups, CloudFront setup, SES administration by using SMTP and AWS API's, Cloud watch management, Route 53.
- Cloud development and automation using Node.js, Python (Boto3), AWS Lambda, **AWS CDK** (Cloud Development Kit) and AWS SAM (Serverless Application Model).
- Designed **AWS** Cloud Formation templates to create custom sized VPC, subnets, NAT to ensure successful deployment of web applications and database templates.
- Experience with Automation of Production cloud deployments using **Docker, Packer and Terraform.**
- Written chef recipes for various applications and deploying them in AWS using **Terraform** and Written several **Chef** cookbooks and recipes to automate the installation of WebLogic domain and JDK installations and have customized recipes from **Chef** supermarket to align with current requirements.
- Experience of writing and managing **Chef** Scripts and using Linux automated deployments using **Chef.**

- Hands-on experience and good knowledge in playbook creation and automation through **Ansible.**
- Experienced in Configuring / implementing / Restoring OS level Backup.
- Worked in agile projects delivering end to end CI/CD delivery pipeline by integration of tools like **Jenkins, Ansible, Docker and AWS.**
- Utilized **Kubernetes and Docker** for the runtime environment of the CI/CD system to build, test deploy.
- Experience on **Kubernetes** during debugging, leading up to production when multiple Application builds must be tested for stability.
- Proficient with container systems like **Docker** and container orchestration like Docker Swarm, **Kubernetes.**
- Using Puppet configuration management tool for providing orchestration of all the platform wide tools like - Atlassian Crowd, Atlassian **Bamboo Server & Bamboo agents**, Bitbucket, Nexus etc..
- I extensively used the Atlassian products **Bamboo,** Jira and Bitbucket to track tickets and maintain the automated test code.
- Enabled Continuous Delivery into several environments of Test, QA, Stress and Production using **Jenkins.**
- Configured Jenkins with GitHub Web hooks to automate the integration and notifying the errors in source code to the developers.
- Good experience on Installing and Implementing Logging & Monitoring tools **Prometheus, Grafana.**
- Used Git for source code version control and integrated with Jenkins for CI/CD pipeline, code quality tracking and user management with build tool **maven**.
- Monitored the servers using **New Relic.**
- Configured **Docker** containers for Branching purpose and deployed using Elastic Beanstalk.
- Using Cloud watch and **New relic** to monitor our API and Dynamo DB performance.
- Created backup scripts in shell and python for **MySQL, MongoDB** for automatic dump storage in **S3.**
- Achieved understanding of java-based tool **Maven,** debugged, improved, and maintained java applications.
- Used **Maven** as a build tool on java projects for the development of build artifacts on the source code.
- Worked on tools like Rally (use to update test case and defects), Eclipse IDE, POSTGREs Database, POSTMAN (to check API response) and SOAP UI.
- Extensive experience on building, testing, troubleshooting and installations of **Linux servers.**
- Responsible for Internal **Windows/Linux server** Infrastructure, Installations, Builds, Configuration, Monitoring and troubleshooting.

DevOps/Site Reliability Engineer   2014-12 - 2016-11
FIRST REBUPLIC BANK, CA.

- Worked on **AWS** services like EC2, S3, VPC, route53, IAM, CloudFront, ELB, CloudWatch and experience in deploying the application in **AWS** environment.
- Provisioning of **Amazon Web Services (AWS)** and good knowledge of **AWS** services like EC2, AMI, S3, Glacier, Elastic Load Balancer (ELB), RDS, SNS, and EBS.
- Experience in managing and maintaining IAM policies for organizations in **AWS** to define groups, create users, assign roles and define rules for role-based access to AWS resources.
- Written **Ansible** Playbooks with Python SSH as the Wrapper to Manage Configurations of AWS Nodes and Test Playbooks on AWS instances using **Python.**
- Run **Ansible** Scripts to provision Dev servers.
- Builds automated deployments using configuration management technology (Ansible, Python, Bash, Groovy -Jenkins Pipelines).
- Experience on Vagrant, AWS and **Kubernetes** based container deployments to create self-environments for dev teams and containerization of env's delivery for releases.
- Automated **AWS** deployment using Cloud Formation and **Chef.**

- Coordinate/assist developers with establishing and applying appropriate branching, merging conventions using **Bitbucket** source control.
- Developing scripts for build, deployment, maintenance, and related tasks using **Jenkins, Maven,** batch, and Bash.
- Worked with the configured and maintained **Jenkins** to implement the **CI** process and integrated the tool with **maven** to schedule the builds.
- Installed, Configured, and Managed **Nagios** for Resource Monitoring/ Network Monitoring.
- Implemented the use of **Nagios tool** and keynote for monitoring and analyzing the network loads on the individual machines by enforcing custom **Nagios** monitoring, notifications, and dashboard to exhibit various metrics using **Shell** Scripting and add-ons.
- Worked on developing and maintaining build, deployment scripts for test, Staging and Production environments using Shell and **Python.**
- Writing **Python** scripts for easily automation of manual existing process and mainly in building dynamic inventory files in **ansible.**
- Manual Task Automation has been accomplished using scripting language -bash and **PowerShell.**
- Expertise with **Linux and Windows** environments including shell, batch, and **PowerShell** scripts.
- Performed Installing, Configuring, Managing, Monitoring, and troubleshooting **SQL** servers.
- Responsible for Building and configuring **Red Hat** Enterprise Linux systems over the network, implementing automated tasks through crontab, resolving tickets according to the priority basis.
- Install and update the security patches and software updates in **Linux/Unix/Windows servers**.

Build and Release Engineer   2013-05 - 2014-12
AXIS Bank Pvt Limited - Hyderabad India

- Work closely with our Product Management, Development, and **QA team** in a continuous delivery environment.
- Worked on various tools supporting **SCM & Release Management** including Source Control, Continuous Integration, Artifact Management and Change Management.
- Assist developing a platform that provides support to development, quality, product, and operation teams' continuous integration environment.
- Used groove scripts for **CI/CD** pipeline builds, and actively involved in the entire pipeline setups and **Jenkins** configurations.
- Hands on experience in installing and administrating tools like **Jenkins,** Artifactory.
- Worked and supported on several **Java** applications migrations to **Jenkins** Pipeline.
- Setting up continuous delivery framework using **Jenkins, Maven.**
- Worked on build and deployment automations through **Jenkins, GIT.**
- Developed my experience including Build/Release support and Change/Incident Management support.
- Worked on Monitoring tools like **Nagios**, Installation, and configuration on **Ubuntu** Linux server.
- Maintained build related scripts developed in **ANT,** shell, and **WLST/Python.**
- Converted old builds using MAKE to **ANT** and XML for doing **Java** build.
- Installing, configuring, and supporting JBOSS Application server 5.1 and 6.0 on Red Hat Enterprise Linux platforms **(RHEL 5 and RHEL 6).**

Linux Administrator   2012-05 - 2013-05
Newgen Software Technologies Ltd, Chennai, India

- Used **Nagios** as IT infrastructure monitoring tool for monitoring host resources such as processor load, disk usage, system logs, monitoring applications, services, and network protocols.
- Installed and configured **Nagios** tool, for monitoring network services and host resources.

- Used **Nagios** as a monitoring tool to identify and resolve infrastructure problems before they affect critical processes.
- Responsible for writing/modifying scripts using Bash, Shell, SSH for day-to- day administration.
- As a **UNIX** system administrator maintained various servers and gave production Support of various applications in **Red Hat** Enterprise Linux, and Windows environment.
- Scheduling the jobs by creating **crontabs, Cronjobs** on **Linux** servers.
- Kickstart server and updating, applying patches to the servers using **RedHat** Satellite server.
- Involved in helping others **Linux** Administrators to deployed **Splunk** in a **Linux and windows** environment.
- Modified Kernel parameters to improve the server performance in **Linux.**
- Creating disk groups, creating volumes, volume groups and RAIDs using **LVM (Logical Volume Manager) on Linux.**
- Scripting done in administrative and management tasks using shell, **Bash, Python** for automated administrative jobs and experience on **Bourne, Ruby, Perl and C-shell.**
- Database administration of **MySQL, Oracle** or equivalent Data Base programs.

Master: Texas A&M University   2019

Bachelors: JNTUK   2014