Text

Description automatically generated with low confidence**Theja Reddy Burri**

[thejaburri91@gmail.com](mailto:thejaburri91@gmail.com)

**201-256-1516**

**Professional Summary:**

* **8 years** of experience in IT industry with **SCM, Build/Release Management CI/CD, Configuration Management Containerization, Orchestration & AWS, Azure** operations Production in cross platform environments.
* Strong proficiency in supporting Production **Cloud Environments (AWS, Azure, and VMWare)** as well as traditional managed hosted environments.
* Created Python Scripts to Automate **AWS services** which include web servers, **ELB**, **Cloud front Distribution, database, EC2 and database security groups, S3 bucket** and application.
* Configured **AWS Identity and Access Management (IAM**) users and groups for improved login authentication.
* Experience in automated deployment (**terraform, AWS CloudFormation**), and serverless architecture **AWS lambda**

and other **AWS services**.

* Responsible for configuring alerts in **Azure App insights** for monitoring and troubleshooting **Azure** resources.
* Expertise in **Azure** infrastructure management (**Azure Web Roles, Worker Roles, SQL Azure, Azure Storage, Azure AD Licenses**, Office365).
* Expertise in Architecting and Implementing **Azure Service** Offering, such as **Azure cloud services, Azure storage, IIS, Azure Active Directory (AD), Azure Resource Manager (ARM), Azure Storage, Azure, Blob Storage, Azure VMs, SQL Database, Azure Functions, Azure Monitor, and Azure Service Bus**.
* Experience in Custom Process design of Transformation via **Azure Data Factory** & Automation Pipelines.
* Deployed and configured **Elastic search, Logstash and Kibana (ELK)** for log analytics, full text search, application monitoring in integration with **AWS Lambda** and **Cloud Watch**.
* Worked on automating **Nagios** alerts and email notifications using **Python scripts** and executed them through **Chef**.
* Implemented and configured **Nagios** for continuous monitoring of applications in the production environment and enabled notifications via emails and text messages.
* Ability to write Shell & Perl scripting and worked on **Splunk** for generating various metrics.
* **Jenkins** continuous integration server installation and configuration for all **GIT** Repositories.
* Experienced in branching, tagging and maintaining the version across the environments using **SCM** tools like **GIT**, Subversion (**SVN**) and TFS on Linux and windows platforms.
* Extensively worked with automation tools like **Jenkins** and **Build Forge** to implement the End-to-End Automation.
* Installed/Configured/Managed **Jenkins Continuous Integration and Continuous Deployment.**
* Assist in the UAT testing of **uDeploy** and **Jenkins tools** also worked on Jenkins to create builds and pass new builds to **IBM Urban code**/**Udeploy** for deployment.
* Developed build and deployment scripts using **ANT** and **MAVEN** as build tools in **Jenkins** to move from one environment to other environments.
* Experience in building scripts using **Maven** builds tool in **Jenkins** to move from one environment to another environment.
* Implementing new projects builds framework using **Jenkins**, Cruise control & **Maven** as build framework tools.
* Experience in using **Jfrog** and **Nexus** Artifactory Repository Managers for builds.
* Deployment of Cloud service including Jenkins and **Nexus** using **Terraform**.
* Experienced working on several **Docker** components like **Docker Engine, Hub, Machine, Compose** and **Docker registry**.
* Experienced in deploying and maintaining multi-container applications through **Docker**.
* Experience writing **Ansible playbooks** and deploying applications using **Ansible**.
* Managing the configurations of multiple servers using **Ansible**. Implemented **Ansible** to manage all existing servers and automate the build/configuration of new servers.
* Well versed with many different concepts of **Chef** like Roles, Environments, Data Bags, Knife, and **Chef Server**

Admin/Organizations.

* Deployed **puppet** for configuration management to existing infrastructure.
* Built **Puppet manifests** and bootstrap scripts to allow us to bootstrap instances to various roles without having to maintain AMIs.
* Installation of **Python** and setting up SSH connection on remote nodes for configuring, managing and deploying software application on the nodes, using Ansible**.**
* Experience in writing **Shell** scripts to automate the administrative tasks and management using corn jobs.
* Expertise in scripting for automation, and monitoring using **Bash, Ruby, Python & Perl scripts**.
* Exposed to all aspects of **software development life cycle (SDLC)** such as Analysis, Planning, Developing, Testing, implementing and post-production analysis of the projects.
* Worked on **Data-Center operation and migration across UNIX and LINUX platforms.**
* Implement an educational e-learning video platform with **Azure Media Services** and [Azure Cognitive Services](https://docs.microsoft.com/azure/#pivot%253Dproducts%2526panel%253Dai) [APIs](https://docs.microsoft.com/azure/#pivot%253Dproducts%2526panel%253Dai) for speech-to-text captioning, translating to multi-languages, etc.
* Use **Azure Media Services** together with [Azure Cognitive Services APIs](https://docs.microsoft.com/azure/#pivot%253Dproducts%2526panel%253Dai) to add subtitles and captions to videos to cater to a broader audience.
* **Notifications** that monitor job progress or states, or Live Events start/stop and error events. Notifications are integrated with the Azure Event Grid notification system. You can easily subscribe to events on several resources in **Azure Media Services.**
* Experience in Installing, configuring and maintaining **Samba, WebSphere & WebLogic Application Servers, Nagios.**
* Created Projects, Workflows, Custom Fields, Notification Scheme, Permission Scheme, Screens schemes And Issue Type Schemes within **Jira**.
* Monitor **Jira** logs when performing migrations, troubleshooting user's/system issues.
* Experience in setting up network environment using **NFS, NIS and LDAP**.
* Experience in Install and configuration of Web hosting administration **HTTP, FTP, SSH.**
* Experience in Creating and maintaining user accounts, profiles, security, rights, disk space and process monitoring.
* Resolving system errors and crashes, huge file sizes, file system full errors.
* Implemented set of process and services in **active directory**.

**Technical Skills:**

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| --- | --- |
| **Operating System** | RHEL 5/6/7, Centos 5/6, Ubuntu/Debian, Windows Server 2003, 2008 and 2012, VMware. |
| **Web/Application Servers** | Apache, Tomcat, WebLogic, WebSphere, JBOSS |
| **Build Tool** | ANT, Maven and MS Build. |
| **Version Control** | Git, SVN and CVS. |
| **Continuous Integration & Configuration Management** | Jenkins, Chef, Puppet, Ansible. |
| **Artifactory Repositories** | Jfrog & Nexus. |
| **Databases** | Oracle, SQL Server, My SQL and NoSQL (Cassandra, Mongo DB). |
| **Virtualization Tools** | Docker, Kubernetes, VM Virtual Box, VMware. |
| **Cloud Platform** | AWS, Azure and OpenStack. |
| **Monitoring Tool** | Nagios, Splunk and ELK |
| **Networking/Protocol** | TCP/IP, HTTP/HTTPS, NDS, DHCP, NFS, LAN. |
| **Virtual Servers** | VMware ESX Servers, vSphere 5.x, Solaris Zones. |
| **Scripting** | Shell, PowerShell, Ruby, Python and Perl. |
| **Quality & Security** | SonarQube, Find Bugs, Veracode |

**Professional Experience:**

**Sr. Cloud / DevOps Engineer July 2021 – Present**

**Discovery, St Louis, MO**

**Responsibilities:**

* Majorly responsible for **AWS infrastructure** and **Security** around it.
* Designing and deploying **dynamically scalable**, available, **fault-tolerant**, and **reliable** applications on the **Cloud.**
* Ability to Design and translate **Architectural** requirements.
* Selecting appropriate **Cloud services** to **design** and **deploy** an application based on given requirements.
* Migrating **complex**, **multi-tier applications** on Cloud Platforms.
* Designing and deploying **enterprise-wide scalable** operations on **Cloud Platforms.**
* Implementing **cost-control** strategies.
* Relevant experience as a **Systems Administrator** in a systems operation’s role.
* Capability to select the appropriate services based on compute, data, or security requirements.
* Ability to estimate usage costs and identify operational **cost control mechanisms**.
* Develop complex technical solutions for **business processes.**
* Plan and execute several high-level complex projects at the same time.
* Minimize user impact where possible and complete projects on time and correctly.
* The ability to work effectively and communicate technically with a wide range of users in a diverse community.
* Demonstrable experience with developer tools like Code Deploy , Code Build, Code Pipeline , design the overall Virtual Private Cloud VPC environment including server instance , storage instances , subnets and high availability zones.
* Strong ability to communicate ideas and needs to all levels of the organization.
* Responsible for creating and maintaining **Amazon Directory Services**.
* Created an **AWS managed Microsoft AD**, and integrated directory with Amazon **Workmail**, **WorkDocs**, **Workspaces**

and added **AD logging** to all the web applications.

* Created and maintained **Amazon Virtual Private Cloud** (VPC) resources such as **Subnets, Network Access Control Lists (NACL), and Security Groups.**
* Used **Terraform** in AWS **Virtual Private Cloud** (VPC) to automatically setup and modify settings by interfacing with control layer.
* Worked on **Amazon RDS** Multi-AZ for automatic failover and high availability at the database tier for MySQL workloads. Development of **Application groovy**.
* Configuring and managing **AWS Simple Notification Service** (SNS) and **Simple Queue Service (SQS).**
* Installation, Configuration and Management of **RDBMS** and **NoSQL** tools such as **Dynamo DB**.
* **AWS EC2/VPC/S3/SQS/SNS** based infrastructure automation through **Terraform, Ansible, Python, Bash Scripts.**
* Acted as a **System Administrator**, monitoring all the User loggings using **IAM** and **AD**
* Experience in monitoring and auditing systems such as **Splunk, Datadog** and **Cloud Watch**.
* Extensively involved in designing and deploying React applications in to **EC2** servers for different environments like

**Production**, **Stage**, **UAT** and **Development**.

* Worked on Multiple **AWS** instances, set the security groups, **Elastic Load Balancer** and **AMIs**, **Auto scaling** to design cost effective, fault tolerant and highly available systems.
* Worked with **Terraform** to create stacks in **AWS** from scratch and updated the **Terraform** as per the organization’s requirement on a regular basis.
* Created templates for **AWS infrastructure** as a code using **Terraform** to build staging and production environments.
* Worked on **Blue/green deployment** strategy by creating new applications, which are identical to the existing production environment using CloudFormation, templates & **Route53** weighted record sets to redirect traffic from the old environment to the new environment via **DNS**.
* Extensively involved in designing and developing Amazon **EC2**, Amazon **S3**, Amazon **RDS**, Amazon **Elastic Load Balancing**, Amazon **RDS**, Amazon **SQS**, Amazon **SNS,** Amazon **SQS, API Gateway,** and other services of the AWS infrastructure.
* Mainly responsible for monitoring and auditing **Cloud Watch Logs**, **Events, Alarms** and **Matrices**, for all the workflows and usage for any vulnerabilities

* Responsible for building fully automated **CI/CD** pipelines using **Jenkins and Ansible** in all the respective environments for products.
* Worked on a **POC** and implementation of **Snowflake** for Data Warehousing.
* Responsible for migrating the data from **Dynamo DB** to **Snowflake** using Python.

**Environment:** Code Commit, JIRA, Jenkins, S3, Cloud Watch, RDS, Directory Services, IAM, Dynamo DB, Snowflake, Redshift, EKS, EC2, VPC, Route53, API Gateway, Lambda, Python, Step functions, Amazon Connect, Ansible, Amazon Cognito.

**Client: Liberty Mutual, Portsmouth, NH. May 2020 – Jun 2021 Role: Sr. DevOps/Cloud Engineer**

**Responsibilities:**

* + Created and implemented highly scalability and availability solution for cloud based applications.
  + Design and Implemented **DevOps pipeline** where infrastructure build and application deployment is automated.
  + Implemented **Auto scaling** between two availability zones for highly redundant infrastructure.
  + Responsible for migration of legacy **on-prem** applications to **AWS** cloud infrastructure.
  + Created migration strategy to move application to **AWS cloud.**
  + Implemented **Jenkins** Code Deploy plugin to deploy to **AWS** and used to automate the build process and deploy the application to Tomcat server.
  + Developed **Python** and **Json** scripts to deploy code to different environments on **AWS** using cloud formation.
  + Deployed and monitored scalable infrastructure on **Amazon web services (AWS)** using configuration management tool using **Ansible**.
  + Used **Ansible** to manage Web Applications, Config Files, Database, Commands, Users Mount Points, and Packages.
  + Responsible for Installing, configuring, and supporting **Apache Tomcat server**, WebSphere application server and http webserver using **Ansible**.
  + Used **Ansible** server and workstation to manage and configure nodes.
  + Experienced working with **Ansible tower**. Integrating **Ansible tower** with **Jenkins** to deploy code to different servers.
  + Create **AWS** instance via Jenkins with **EC2** plugin and integrate nodes in **Ansible** and integrating **AWS S3** bucket with

**Jenkins** for backup of code.

* + Used **Chef** and other configuration management tools to deploy consistent infrastructure code across multiple environments.
  + Created **Chef Cookbooks** and recipes that kickoff post-install scripts.
  + Developed **Chef** Cookbooks, recipes, roles and data bags for provisioning and configuring the nodes and deploying applications.
  + Setup the **Jenkins** jobs for Continuous integration process and to execute test cases.
  + Experience in setting up the build and deployment automation for **Terraform** scripts using **Jenkins**.
  + Written **Terraform** templates, **Chef Cookbooks**, **recipes** and pushed them onto **Chef Server** for configuring EC2 Instances.
  + Created local, virtual repositories in **Jfrog Artifactory** and integrated with **Jenkins**.
  + Administered the **Maven** Repository using **Jfrog Artifactory** tool and used the same to share the snapshots and releases of internal projects.
  + Planning, deployment and tuning of **Elastic search** for **Linux** based infrastructure.
  + Experience with **built Elastic search, Log stash and Kibana (ELK)** for centralized logging and then store logs and metrics into **S3** bucket using **Lambda** function for more than 2 weeks.
  + To maintain central logging used **ELK** stack where ElasticSearch for Data analytics, Logstash for logs and Kibana for visualizing the logs using **GELF** driver in **docker** service and docker-compose.
  + Implemented **Terraform** modules for deployment of various applications across multiple cloud providers and managing infrastructure.
  + Created **Docker images** using a **Dockerfile**, worked on **Docker** container snapshots, removing images and managing **Docker** volumes.
  + Used **Kubernetes** to deploy scale, load balance, scale and manage **docker** containers with multiple name spaced versions.
  + Containerization of Web application using **Docker** and **Kubernetes** and Database maintenance.
  + Used **Kubernetes** to orchestrate the deployment, scaling and management of Docker Containers.
  + Created and managed a **Docker** deployment pipeline for custom application images in the cloud using **Jenkins**.
  + Experienced in using **Docker Swarm** and deployed spring boot applications.
  + In-depth understanding of the principles and best practices of Software Configuration Management (**SCM**) and **CI/CD**

in **Agile**.

* + Integrated **GIT** into **Jenkins** to automate the code check-out process.
  + Experience with **SaaS** (Software as a Service), **PaaS** (Platform as a Service) & **IaaS** (Infrastructure as a Service).
  + Involved in all projects that move to production and work closely with the **Data Center, Development, Quality Assurance** and **Management teams** to ensure cross communication and confirmed approval of all production changes.
  + Integrating **Jira** with Stash/Crowd/Bitbucket Server and worked on JQL filters, Dashboards, Gadgets.
  + Troubleshoot to resolve problems in an existing **Jira** installation and implement all approved changes.
  + Create team specific Agile process flow in **Jira** to move tasks from one activity to another.
  + Participated in weekly **release meetings** with Technology stakeholders to identify and **mitigate potential risks** associated with the releases.
  + Created database tables that can store and retrieve any amount of data and serve any level of request traffic using **DynamoDB**. Worked on **NoSQL** database **Cassandra**.
  + Participated and led **security solution meetings**, prepared designed documents and presentation for the business / IT groups.
  + Identified **IT security risks** and identified, evaluated and proposed mitigation strategies.
  + Provided input & suggestions to management in evaluating modern technology & provided IT guidance for **Enterprise Applications** as well as corporate infrastructure.
  + Implemented **Disaster Recovery plan** for IT systems and critical databases.

**Environment**: AWS services, Ansible, Chef, Docker, Kubernetes**,** WebSphere, Tomcat, Jenkins, GIT, Maven, Jfrog, Terraform, ELK, Linux, windows, Python.

**Client: Cerner, Kansas, MO. April 2019 – May 2020**

**Role: DevOps/Cloud Engineer Responsibilities:**

* + Responsible for Continuous Integration (**CI**) and Continuous Delivery (**CD**) process implementation using **Jenkins**

along with **Shell scripts** to automate routine jobs.

* + Using **AWS**, Creating, Importing and launching **volumes, EC2, RDS, Lambda, security groups, auto-scaling, load balancers (ELBs), NACL** in the defined **VPC**.
  + Handled migration of on premises applications to cloud and created resources in cloud to enable this. Used all critical AWS tools, used **ELBs** and **Auto-Scaling policies** for **scalability, elasticity** and **availability**.
  + Utilized **AWS CLI** to automate backups of ephemeral data-stores to **S3** buckets, **EBS** and create **nightly AMIs** for mission critical production servers as backups.
  + Worked on the configuration management tool **Chef** for deploying the codes between different environments.
  + Managing AWS infrastructure and automation with **CLI** and **API**. Working on Inbound and Outbound services with automation **Chef**. Deployed multiple resources simultaneously, using **CloudFormation** templates in **AWS**.
  + Worked with automation of OS builds and application installations through **Chef, Nagios** for application and Hardware resource monitoring, worked with plugins in **Nagios** for **monitoring resources.**
  + Established **Chef** Best practices approaches to system deployment with tools with **vagrant** and managing **Chef Cookbook** as a unit of software deployment and independently version controlled.
  + Written multiple **Cookbooks** in **Chef**, implemented environments, roles, data bags in chef for better environment management.
  + Involved in replacing existing manual deployment and management processes with **AWS OpsWorks** which uses **Chef**

to automate how servers are configured, deployed, and managed across **AWS EC2 instances**.

* + Written **wrapper scripts** to automate deployment of **Chef Cookbooks** on nodes and running the **chef client** on them in a **Chef-Solo** environment.
  + Managing the configurations of multiple servers using **Ansible**. Implemented **Ansible** to manage all existing servers and automate the build/configuration of new servers.
  + Wrote **Ansible** playbooks, inventories created custom playbooks written in YAML language, encrypted the data using **Ansible** Vault and maintained role-based access control by using **Ansible Tower** and Implemented IT orchestration using **Ansible** to run tasks in a sequence which can work on different servers.
  + Developed **Ansible** playbooks for managing the application/OS configuration files in GitHub, integrating with Jenkins, and Verifying with Jenkins plugins, deploying the application into the Linux environment.
  + Wrote **Ansible** playbooks by using YAML script to launch **AWS** instances and used to manage web applications, configuration files, used mount points and packages.
  + Experienced in migrating an On-premises Instances or **Azure** Classic Instances to Azure ARM Subscription with Azure Site Recovery.
  + Monitor **Azure** Infrastructure through System Center Operation Manager (**SCOM**).
  + Responsible of web application deployments over cloud services (web and worker roles) on **Azure**, using VS and

**PowerShell**.

* + Implemented high availability with **Azure** Classic and Azure Resource Manager deployment models.
  + Configured **Jenkins** jobs with the **Gradle** scripts for various deployments of JAVA/J2EE enterprise applications.
  + Developed and designed continuous integration pipeline and integrated using **Git, Jenkins, SonarQube**.
  + Managed results in **Jenkins** Dashboard view using Plugin Dashboard View and also added **Sonar** Dashboard view into

**Jenkins**.

* + Managed the Maven Repository using **Jfrog** tool and used the same to share the snapshots and releases of internal projects.
  + Expertise in using **Jfrog** Artifactory to archive the artifacts created at the end of the build and release process.
  + Extended the generic process by attaching the **Jenkins** job webhook to all the current Java and Scala-based projects in

**GitHub**.

* + Worked on creation of custom **Docker container images**, tagging and pushing the **images**.
  + Experience with container-based deployments using **Docker**, working with **Docker images, Docker HUB** and **Docker registries**.
  + Created and managed a **Docker deployment pipeline** for custom application images in the cloud using **Jenkins**.
  + To achieve **Continuous Delivery** goal on high scalable environment, used **Docker** coupled with load-balancing tool

**Nginx**.

* + Administer, secure, and maintain multiple **Kubernetes clusters** to support a **global service**.
  + Utilized **Kubernetes** and **Docker** for the runtime environment of the CI/CD system to build, test deploy.
  + Deployed new **Splunk** systems and Monitor **Splunk** internal logs from the monitoring Console (MC) to identify and troubleshoot existing or potential issues.
  + Perform **Splunk** agent deployment, configuration and troubleshooting across a variety of platforms.
  + **Openshift** virtualized **PaaS** provider - useful in automating the provisioning of commodity computing resources for cost and performance efficiency.
  + Developed the **Java** based **Web Service API's** for the application Symantec Workspace Streaming (**SWS**).
  + Developed automation scripting in **Python (core)** using **Chef** to deploy and manage **Java applications** across **Linux servers.**
  + Worked on Version control setups like **GIT**, Installed, Configured and Administered **Hudson/Jenkins** Continuous Integration Tool.
  + Implemented monitoring solutions with **Elasticsearch** and **Logstash**.
  + Configure services such as **finger, httpd, iptables, named, sshd, syslog** and **logrotate**.
  + Data Center design and **automation**, running reports to check for servers that are wasting resources and putting them to task yielding higher efficiency.
  + Developed and deployed multiple routes by using **Red Hat JBOSS Fuse ESB** and related Open Source technologies (Active **MQ, Apache**).
  + Extracted the data from **MySQL, Oracle, SQL** Server and loaded data into **Cassandra**.
  + Operating system installation and configuration (methods including **Kickstart, jumpstart), disc partition set-up, patch administration, package management** including **kernel upgrade.**
  + Responsible for updating patches and packages for **UNIX, Linux** and Application servers.
  + Installed, configured, and maintained services such as **FTP, NFS, DNS, DHCP** and **Samba**.

**Environment:** Red Hat Linux 6.X, 7.X, Windows, AWS Services, Chef, Ansible, Jenkins, Maven, Docker, Docker Hub, Kubernetes, Jfrog, Nagios, Splunk, Python, Shell, VMware, Java, GIT, Apache Webserver, JBoss.

**Client: Wipro, Hyderabad, India. July 2015 – Aug 2018**

**Role: DevOps Engineer Responsibilities:**

* + Built and deployed application, web, and database servers for **test, development** and **production environment.**
  + Analyzed and executed **VMware** performance tuning strategies.
  + Day to day server administration and **troubleshoot issues** related to **production environment.**
  + Successfully completed various server migration efforts, going from **SLES to RHEL, RHEL 6.7 to RHEL 7.2**.
  + Created and managed user/group accounts in **centrify**.
  + Added **Disk Space** and managed various file Systems on the **Linux** and **UNIX** servers.
  + Used **VMware VSphere** Client to add memory to virtual machines as required.
  + Monitored **system logs** and important messages for errors and warnings of hardware and software failure.
  + Scheduled repetitive tasks using **Crontab.**
  + Developed **Ruby** and **Shell scripts** to automate day to day tasks.
  + Managed **GIT** repositories for branching, merging, and tagging.
  + Efficient experience in using **Nexus** and Artifactory Repository managers for Maven builds.
  + Experience in artifact management using **Nexus** and integrating with Maven and Jenkins server.
  + Migrated physical servers to virtual (**P2V**) and virtual servers to physical (**V2P**) as required.
  + Migrated **VM** to **AWS EC2** instance.
  + Set up **Jenkins** servers and build jobs to provide **continuous automated builds**.
  + Installed and configured **puppet agents** as per requirement, installed **data dog in 6000 servers** using **puppet module.**
  + Fixed puppet agents which are not pointing to **puppet master.**
  + Created custom **puppet** modules for Linux security patching Automation, Nagios agent deployment, Datadog agent deployment.
  + Fixed a bug (unsupported oracle asm version for Linux kernel which makes asm disk go unavailable after reboot) in security patching module in **puppet**.
  + Configured **Puppet** to trigger Jenkins Jobs to automate the creation of **Docker images** from successful Builds and later used for Rolling deployments into the **Kubernetes** Cluster by defining the new Images in the Deployments and Pod definitions.
  + Performed systems monitoring, upgrades, performance tuning and backup and recovery.
  + Prepared and executed **Shell Scripts** and **Perl Scripts**.
  + Planned, documented, and implemented hardware and **OS upgrades.**
  + Used **Redhat Satellite Server** to create and configure **channels**.
  + Configured and administered **DNS Servers** using **BIND** and involved in the migration of DNS servers among data centers.
  + Implemented **Nagios** to monitor and set up **thresholds** on the various systems parameters.
  + Assigned special privileges to the users using sudo command.
  + Established remote and secured connection through **SSH gate**.
  + Performed volume management using **LVM on Linux.**
  + Maintained documentation reports and presented weekly systems status report.

**Environment:** Redhat Linux 5/6, AWS services, DNS, Shell/PERL, Ruby, scripts, Apache, GIT, Puppet, Jenkins, Nexus, Nagios.

**Client: Infiniti Software Solutions, Hyderabad, India March 2013 – Jun 201****5 Role: Linux Systems Administrator.**

**Responsibilities:**

* + Responsible to solve technical Problems related System administration (Linux of Our Clients).
  + Managing Red Hat Cluster, HPC environment etc.
  + Building & configuring **Red Hat Linux** systems over the network, implementing automated tasks through crontab, resolving tickets according to the priority basis.
  + Installing and configuring Red Hat Linux locally or over the network-**kick start**- (nfs, ftp, and http).
  + Maintaining and Troubleshooting of **FTP** Server, Samba Server of the client.
  + Maintain 99.98% uptime of **LINUX** production servers and follow proper escalation.
  + Handling **LVM** related tasks, Creating, resizing LVM, Veritas Volume manager and also managing Cluster environment using **Veritas Cluster suite**.
  + Handling the day-to-day Operations, Troubleshooting& Solve Server Problems in **LINUX**.
  + User Administration (setup and maintaining accounts).
  + Maintaining Server and Systems, provide IT support to User.
  + Monitoring system performance, Server load and bandwidth issues.
  + Installing open-source applications, search, analyze and develop new application for users.
  + Updating Systems, Servers and client software.
  + Implement the policies for the users of the computer system and network.
  + Regularly manage backup process for Server and Client data.

**Environment:** Centos 5/6, Redhat Linux 5.7, FTP, LVM.

**EDUCATION:**

* + Bachelor of Engineering from JNTUH, Hyderabad, India.
  + Masters in information systems from Central Michigan University, Michigan.