

**Krishna**

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**Summary:**

* Sr. Cloud DevOps engineer with over 8 years of experience in **Cloud** (Azure, AWS, GCP), **DevOps, Configuration management, Infrastructure automation, Continuous Integration and Delivery** (CI/CD). I can implement effective strategies for N - Tier application development in both **Cloud and On-premises** environments. Experience in dealing with **Unix/Linux and Windows** server administration.
* Experience in administrating of IAAS & PAAS Virtual Machines and Web/Worker roles on Microsoft Azure Classic, Resource Manager and troubleshooting issues on Azure VMs. Supported technologies, such as Active Directory Federation Services (ADFS), Azure Active Directory, and PowerShell.
* 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 Service Fabric, Azure Monitor, and Azure Service Bus.
* Skilled with Python, Bash/Shell, PowerShell, Ruby, Perl, PowerShell, JSON, YAML, Groovy. Developed Shell and Python Scripts used to automate day to day administrative tasks and automation of the build and release process.
* Working on various **Docker**components like **Docker Engine, Hub, Machine, Compose and Docker Registry**(Artifactory**).**
* Capable of doing Ansible setup, managing hosts file, Using Yaml, authoring various playbooks and custom modules with Ansible.
* Implemented DevOps best tools and practices such as centralized logging **(ELK)**server monitoring **Nagios**and Automation **Ansible.**
* Integrated **GIT**into **Jenkins**to automate the code check-out process. Performed all necessary day-to-day **GIT**support for different projects.
* Competent with server maintenance and installations of various Debian & Red Hat family distributions like; Ubuntu, Centos, Fedora, OpenSUSE, OEL etc. on various hardware platforms.
* Extensive involvement in LINUX/Unix system Administration, System Builds, Server Builds, Installations, Upgrades, Patches, Migration, Troubleshooting on RHEL.
* Strong hold on Firewall management, troubleshooting and networking in Linux environment.
* Worked at all phases of Software Development Lifecycle and handled change management process for application development.
* Worked on deployment automation of all the micro services to pull image from the private **Docker** registry and deploy to Docker swarm cluster using Ansible.
* Experienced in building, deploying, and integrating Java-based web applications in a UNIX, including exposure to J2EE/.NET architecture (especially BEA Web Logic, Tomcat and WebSphere).
* Integrated Jenkins with various DevOps tools such as **Nexus, SonarQube, Puppet, CA Nolio, HP CDA, HP ALM and HP QTP etc.**
* Administrated and monitored activities for **SVN, GIT, TFS, Perforce, UCM Clear case**and**CVS.**
* Implemented a complete automated build-release solution using a combination of technologies like **Maven, TFS, Jenkins**
* Developing automated process for code builds and deployments using **Jenkins, Ant, Maven, Sonar type Nexus, Shell Script, Perl, Java.**
* Experience in installing, configuring, managing, tracing complex build problems, release issues and trouble shooting skills.
* Efficient in working closely with teams to ensure high quality and timely delivery of builds and releases.
* Excellent experience in designing, documenting, and automating the build and release process.
* Good analytical, presentation & communication skills and able to adapt new technologies and project environments.

**Technical Skills:**

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| **Operating Systems** | Redhat-5/6/7, Ubuntu 14/16, CentOS 5/6/7, Sun Solaris 10/11.2, HP-UX 11i V2, IBM-AIX V7.1, Debian 6.0. |
| **Configuration Management** | Ansible, Chef, Puppet, Kickstart |
| **Build Tools** | Ant, Maven, Gradle |
| **Cloud Environment** | Amazon Web Services, Azure, Google Cloud Platform, OpenStack |
| **CI/CD Tools** | Jenkins, Bamboo |
| **Scripting Languages** | Shell, Python, Perl, YAML, RUBY, JSON, JAVA |
| **Monitoring Tools** | Nagios, Splunk, CloudWatch, Elasticsearch, Logstash, Kibana, Grafana |
| **Source Code Management** | Subversion, GIT, SVN, Bitbucket, and CVS |
| **Databases** | SQL Server, Oracle, MySQL |
| **DevOps Tools** | Docker, Jira, Bugzilla, Kubernetes, Terraform |
| **Networking/Protocol** | TCP/IP, NIS, NFS, DNS, DHCP, WAN, SMTP, LAN, FTP/TFTP |
| **Web/Application Servers** | Apache Tomcat, Web Logic, Oracle, Application Server, Ngnix |

**Everest Re Insurance - New Jersey Dec 2019 - Present**

**Role: Sr. Cloud / DevOps / GCP / AWS**

* Worked on **google cloud platform (GCP)** services like compute engine, cloud load balancing, cloud storage, cloud SQL, stack driver monitoring and cloud deployment manager.
* Setup **GCP Firewall** rules to allow or deny traffic to and from the VM's instances based on specified configuration and used GCP cloud CDN (content delivery network) to deliver content from GCP cache locations drastically improving user experience and latency.
* Worked on **GKE** Topology Diagram including masters, slave, RBAC, helm, kubectl, ingress controllers GKE Diagram including masters, slave, **RBAC, helm, kubectl, ingress** controllers.
* Created projects, VPC's, Subnetwork's, **GKE** Clusters for environments QA3, QA9 and prod using **Terraform** Created projects, VPC's, Subnetwork's, GKE Clusters for environments.
* Worked on Jenkins file with multiple stages like checkout a branch, building the application, testing, pushing the image into **GCR**, Deploying to **QA3**, Deploying to QA9, Acceptance testing and finally Deploying to Prod.
* Responsible for Setup and build AWS infrastructure using resources **VPC, EC2, S3, RDS, Dynamo DB, IAM, EBS, Route53, SNS, SES, SQS, CloudWatch, CloudTrail, Security Group, Autoscaling and RDS using CloudFormation templates.**
* Deploy and monitor scalable infrastructure on Amazon web services (AWS) and configuration management instances and Managed servers on the Amazon Web Services (AWS) platform using Chef configuration management tools and Created instances in AWS as well as migrated data to AWS from data Center.
* Involved in design and deployment of a multitude of Cloud services on **AWS** stack such as **EC2, Route53, S3, RDS, Dynamo DB, SNS, SQS, IAM**, while focusing on high-availability, fault tolerance, and auto-scaling in AWS CloudFormation
* Developed strategy for cloud migration and implementation of best practices using AWS services like database migration service, AWS server migration service from On-Premises to cloud.
* Implemented and maintained the monitoring and alerting of production and corporate servers/storage using **AWS CloudWatch / Splunk** and assigned AWS elastic IP addresses to work around host or availability zone failures by quickly re-mapping the address to another running instance.
* Provisioned the highly available EC2 Instances using **Terraform** and **cloud formation** and wrote new python scripts to support new functionality in Terraform.
* Worked in cloud formation to automate AWS environment creation along with the ability to deploy AWS using bill scripts **(Boto3 and AWS CLI**) and automate solutions using python and shell scripting.
* Managed AWS infrastructure as code (IaaS) using **Terraform**. Expertise in writing new python scripts to support new functionality in **Terraform**. Provisioned the highly available EC2 Instances using Terraform and cloud formation and Setting up the build and deployment automation for Terraform scripts using Jenkins.
* Designed **AWS Cloud Formation** templates to create custom sized **VPC**, to set up **IAM** policies for users, subnets, NAT to ensure successful deployment of Web applications, database templates and Security groups.
* Managed **Docker orchestration** and **Docker containerization** using **Kubernetes**. Used Kubernetes to orchestrate the deployment, scaling, and management of Docker Containers.
* Created and deployed Kubernetes pod definitions, tags, labels, multi-pod container replication. Managed multiple Kubernetes pod **containers scaling, and auto-scaling**.
* Deployed pods using Replication Controllers by interacting with Kubernetes API server defining through declarative YAML files.
* Implementation of new tools such as Kubernetes with Docker to assist with auto-scaling and continuous integration (CI) and Upload a Docker image to the registry so the service is deployable through Kubernetes. Use the Kubernetes dashboard to monitor and manage the services.
* Worked on installing, configuring, and managing **Docker Containers, Docker Images** for Web Servers and Applications and Implemented Docker **-maven-plugin** in and **maven pom** to build Docker images for all microservices and later used Docker file to build the **Docker** images from the **java jar files**.
* Created Docker images using a docker file, worked on Docker container snapshots, removing images and managing Docker volumes and also virtualized servers in Docker as per QA and Dev-environment requirements and configured automation using **Docker containers**.
* Configuring with different artifacts to make an image and deploy Docker image to install the application on an instance, maintain and troubleshoot for any user issues or network problems.
* Worked on **Docker-Compose, Docker-Machine** to create Docker containers for testing applications in the QA environment and automated the deployments, scaling and management of containerized applications.
* Installed and Implemented Ansible configuration management system. Used **Ansible** to manage Web applications, Environments configuration Files, Users, Mount points, and Packages also Worked with automation/configuration management using Ansible and created playbooks in **YAML** to automate the development processes.
* Implemented Infrastructure automation through **Ansible** for auto-provisioning, code deployments, software installation and configuration updates.
* Add required images to Vagrant and create servers out of Images for testing and Automated infrastructure build-out and systems provisioning using Ansible and **Ansible Tower**
* Designed fully automated server build management, monitoring, and deployment by using Ansible playbooks using Ansible role created an **ELK** cluster for non-log purposes to search and analytics of product and pricing data.
* Developed build and deployment scripts using **MAVEN** as build tools in Jenkins to move from one environment to other environments and Supporting Maven multi-module builds and store artifacts in a remote repository in artifacts.
* Worked with the development team to generate deployment profiles (jar, war, rar) using **ANT Scripts** and **Jenkins**
* Worked on writing Jenkins build a pipeline with **Gradle script** and **Groovy DSL** (Domain Specific Language) and integrating **ANT/MAVEN** build scripts with Gradle for the sole purpose of continuous build.
* Built and maintained **ELK** stack to centrally collect logs that are used to monitor applications also Installed, monitored, and configured Applications in Nginx and Apache Tomcat Server and establish connectivity to databases and troubleshoot issues on the fly.
* Created Pre-commit hooks in **Perl/shell/bash** for authentication with JIRA-Pattern Id while committing codes in **SVN**, limiting file size code and file type and restricting development team to check-in while code commit.
* Deployed and configured **JIRA**, both hosted and local instances for issue tracking, workflow collaboration, and tool-chain automation
* Used monitoring tools like **Nagios** and **Splunk** to improve application performance, helps to get the visibility & business context to meet business demands and implemented **SPARK** communication tool chat BOT for triggering alerts.
* Working Knowledge of databases like **MySQL, RDS, DynamoDB, and MongoDB**
* Good understanding of the principles and best practices of software configuration management (SCM) in agile, scrum and waterfall methodologies.
* Worked on writing multiple **Python, Ruby, and Shell scripts** for various companywide tasks.
* Well versed with Software development (SDLC), Test life cycle (STLC), and Bug life cycle and worked with testing methodologies like a waterfall and the agile methodology (SCRUM) with an in-depth understanding of the principles and best practices of **Software Configuration Management** (SCM).

**John Deere Aug 2018 – Nov 2019**

**Role: Azure /AWS DevOps Engineer**

* Designed, configured, and deployed Microsoft Azure for a multitude of applications utilizing the Azure (**Resource Groups, Azure SQL, Cloud Services, and ARM**) adhering to the SLA by placing them in Availability Sets and scaling them using VMSS (Scale Sets).
* Hands on experience in Azure with key services like VM, VNets, (Network Security Groups) NSG, Load Balancer, Azure AD and Storage Account.
* Implementing medium to large scale BI solutions on Azure using Azure Data Platform services (**Azure Data Lake, Data Factory, Data Lake Analytics, Stream Analytics, Azure SQL DW, HDInsight/Azure Data bricks, NoSQL DB).**
* Implementing various resources in Azure using Azure Portal, PowerShell on Azure Resource Manager (ARM) deployment models and Experience in deploying Infrastructure as Code (IoC) applications using **ARM Templates** (JSON).
* Worked on **Azure Data Lake Storage Gen2** which uses the **Azure Blob** storage and provides the set of capabilities to big data analytics and Data Lake Storage Gen2 used for the combines feature from Azure Data Lake Storage Gen1.
* Worked on **Logic Apps, Functions, and Event Grid** which frees from worries about building, hosting, scaling, managing, monitoring, and maintaining the solutions.
* Experienced on Azure App Service by auto-scaling and enabled the automated deployments **from GitHub, Azure DevOps and Git repo** and Worked on App Service by automatically patching and maintain the OS and language frameworks.
* Experience on Migrating SQL database to Azure data Lake, Azure data lake Analytics, Azure SQL Database, Data Bricks and Azure SQL Data warehouse and Controlling and granting database access and Migrating On premise databases to Azure Data lake store using Azure Data factory.
* Extract Transform and Load data from Sources Systems to Azure Data Storage services using a combination of **Azure Data Factory, T-SQL, Spark SQL and U-SQL Azure Data Lake Analytics**. Data Ingestion to one or more Azure Services - (Azure Data Lake, Azure Storage, Azure SQL, Azure DW) and processing the data in In Azure Data bricks.
* Configured **AWS** Identity and **Access Management (IAM)** Groups and Users for improved login authentication.
* Configuring **AWS** workspaces for prod, test, and dev environments on different **VPC** and **subnet**.
* Creating **Ansible playbook** to automate **AWS** tasks like **VPC**creation and production deployment.
* Created **Ansible playbook** to automate the process of creating users on all instances.
* Installing and configuring **Cassandra** and **spark clusters**.
* Installing and configuring **Micro Strategy Business Intelligence** and data analytics software using **Ansible playbooks.**
* Updating **Ansible scripts** changes and pushing on git repository.
* Implemented **Jenkins build** job for automated build process on dev, test, and prod environments.
* Creating **S3 buckets** and managing policies for **S3 buckets** and Utilized **S3 bucket** and backup on **AWS**.
* Created **AWS RDS** on **MySQL** for **Micro Strategy**.
* Configured **Elastic Load Balancer (ELB)** on **Micro Strategy** and **Spark Clusters**.
* Administrated 50 user accounts, performed user maintenance on **Linux** environment using **LDAP**.
* Implemented and maintained the monitoring and alerting of production and corporate **servers/storage** using **AWS Cloud watch**.
* Configured with **F5** Load balancers in Failover for Load balancing and **SSL** handling.
* Worked on User administration setup, maintaining account, monitor system performance using **Zabbix**.
* Implemented **AWS** High-Availability using **AWS Elastic Load Balancing (ELB),** which performed a balance across instances in multiple Availability Zones.
* Have **built Elastic search**, Log stash for centralized logging and then store logs and metrics into **S3 bucket** using **Lambda** function.
* Handled **Kafka**and **Elastic Search Node** Level **Metric Alerts/Errors**.
* Integration of **Maven/Nexus, Jenkins, Urban Code Deploy** with **Patterns/Release, Git, Confluence, JIRA** and **Cloud Foundry**
* Created **cloud** Formation template to upgrade the current environment and reuse the environment on **AWS.**
* **Deployed EC2, S3 storage, RDS, Elastic Load Balancers, Elastic Cache, Route 53, MongoDB**with **CDN**
* **Server migration** using **cloud servers** like **AWS** from physical to **cloud** environment by using various **AWS**features like **EC2, S3, Auto scaling, RDS, ELB, EBS, IAM, Route 53** for installing, configuring, deploying and troubleshooting on various **Amazon** images.
* Integration of application with monitoring tool new relic for complete insight and proactive monitoring.
* Created **EBS** volumes of type **General Purpose SSD (GP2)** and Provisioned **IOPS SSD (IO1),** attached/mounted the same to running instances on production when additional **storages** required.
* Developed ongoing test automation using Chef, Python based framework using Ansible to Setup/teardown of ELK stack (Elasticsearch, Logstash and Kibana).
* Creating snapshots and **Amazon Machine Images (AMIs)** of the instances for backup and creating clone instances.
* Administered **Cassandra cluster** using **DataStax OpsCenter 6.0** and **Node tool utility to monitor CPU usage, memory** usage and health of nodes in the **cluster**.

**Modec International Jan 2017 – Aug 2018**

**Role: Azure Cloud DevOps Engineer**

* Created recommendations on how to duplicate a subset of on-premises machines to the **Azure Infrastructure as a Service**(IAAS) offering which will be used for disaster recovery. This analysis included the specifics to synchronize on-premises data with SQL Server and SharePoint instances hosted in VMs.
* Worked on Azure Site Recovery and Azure Backup- Deployed Instances on Azure environments and in Data centers and migrating to Azure using **Azure Site Recovery**and collecting data from all Azure Resources using Log Analytics and analyzed the data to resolve issues.
* Configured Azure Multi-Factor Authentication (MFA) as a part of Azure AD Premium to securely authenticate users and worked on creating custom Azure templates for quick deployments and advanced **PowerShell**scripting. Deployed Azure SQL DB with GEO Replication, Azure SQL DB Sync to standby database in another region & Fail over configuration.
* Worked on **Serverless services**, created and configured **HTTP** Triggers in the **Azure Functions** with application insights for **monitoring** and **performing** load testing on the applications using the **Visual Studio Team Services** (**VSTS)**alsocalled as**Azure DevOps Services**.
* Created **Azure** Automation Assets, **Graphical runbook**, **PowerShell runbook** that will **automate** specific tasks, deployed **Azure AD** Connect, configuring **Active Directory Federation Service (AD FS)** authentication flow, **ADFS** installation using **Azure AD Connect**, and involved in administrative tasks that include **Build**, **Design**, **Deploy** of **Azure environment**.
* Configure **Continuous Integration** from source control, setting up build definition within **Visual Studio Team Services (VSTS)** and configure **continuous delivery**to automate the deployment of **ASP.NET MVC** applications to **Azure web apps** and managed **Azure Active Directory**, **Office 365,** and applied upgrades on a regular basis.
* Implemented a **CI/CD** pipeline with **Docker**, **Jenkins** (**TFS** Plugin installed), **Team Foundation Server (TFS)**, **GitHub** and **Azure Container Service**, whenever a new **TFS/GitHub branch** gets started, **Jenkins**, our **Continuous Integration (CI)** server, automatically attempts to build a new **Docker container** from it.
* Worked with **Terraform** Templates to automate the Azure Iaas virtual machines using terraform modules and deployed virtual machine scale sets in production environment.
* 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**.
* 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.
* Worked on **OpenShift** for **container orchestration** with **Kubernetes** container storage, automation to enhance **container** platform multi-tenancy also worked on with **Kubernetes** architecture and design troubleshooting issues and **multi-regional** deployment models and patterns for **large-scale** applications.
* 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**.
* Using **Ansible** created multiple **playbooks** for machine creations and **SQL server, cluster server** and my SQL installations.
* Used **Ansible**to Setup/teardown of **ELK**stack (Elasticsearch**, Log stash, Kibana)** and troubleshoot the build issues with **ELK**and work towards the solution.
* Written **Ansible handlers** with multiple tasks to trigger multiple handlers and to decouple handlers from their names, making it easier to share handlers among Playbooks and Roles.
* Managed **Kubernetes** charts using Helm, Created reproducible builds of the Kubernetes applications, managed Kubernetes manifest files and Managed releases of Helm packages.
* Implemented Docker -maven-plugin in **Maven**pom.xml files to build Docker images for all microservices and later used Docker file to build the Docker images from the **Java**jar files.
* Designed, wrote, and maintained systems in **Python scripting** for administering **GIT**, by using **Jenkins** as a full cycle **continuous delivery** tool involving package creation, distribution, and deployment onto **Tomcat application** servers via shell scripts embedded into **Jenkins** jobs.
* Maintained Artifacts in binary repositories using JFrog Artifactory and pushed new Artifacts by configuring the Jenkins project Jenkins Artifactory plugin.
* Involved in **Jira** as defect **tracking** system and configure various workflows, customizations, and **plugins** for **Jira bug/issue tracker** integrated **Jenkins** with **Jira**, **GitHub**.
* 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**.
* Built and **managed** a highly available **monitoring infrastructure** to monitor different **application servers**like **JBoss, Apache Tomcat** and its components using **Nagios**.

**PNC Bank – Chicago, IL Oct 2015 – Dec 2016**

**Role: Sr. Cloud / DevOps Engineer**

* Developed **Ansible** scripts for an automated server provisioning and **Docker images**, reducing the time between provisioning and deployment from over 3 hours to less than 10 minutes.
* Coordinate/assist developers with establishing and applying appropriate branching, labeling/naming conventions using **Subversion** (SVN) and **Git** source control.
* Working for DevOps Platform team responsible for specialization areas related to **Chef** for Cloud Automation.
* Worked with Version control tools **Subversion/Git Branching**, **Merge Strategies**, migrated projects from Subversion repositories to **GitHub** Enterprise repositories.
* Developing **Ant and Maven scripts** to automate the compilation, deployment, and testing of Web and J2EE applications
* Designing and implementing **CI (Continuous Integration)** system: configuring **Jenkins servers**, Jenkins nodes, creating required scripts (Perl & Python), and creating/configuring VMs (Windows/Linux).
* Built end to end CI/CD Pipelines in **Jenkins** to retrieve code, compile applications, perform tests and push build artifacts to Nexus and Deploy to orchestra changes across servers and components.
* Utilize Puppet for configuration management of hosted Instances within AWS. Configuring and Networking of **Virtual Private Cloud** (VPC). Utilize **S3 bucket and Glacier** for storage and backup on **AWS**.
* Responsible for creating **puppet** modules and **manifest** files from scratch and experience in editing existing puppet manifests and automated manual installation process using puppet.
* Used **Nagios** as a monitoring tool to identify and resolve infrastructure problems before they affect critical processes and worked on Nagios Event handlers in case of automatic restart of failed applications and services.
* Configured Nagios to monitor **EC2** Linux instances with **puppet automation**.
* Experienced in working with Ticketing & Tracking Tools like JIRA, Remedy, HPSM and IBM Rational Clear Quest, TFS.
* Experience with writing **Python scripts** to automate some of the **EC2** instance tasks.
* Installed, monitored, and configured Applications in Nginx and Apache Tomcat Server and establish connectivity to databases and troubleshoot issues on the fly.
* Configured Apache Webserver in the **Linux AWS** cloud environment using Puppet automation.

**Paypal – Chennai, India 2014 June – 2015 July**

**Build& Release Engineer**

* Provided CM and Build support for more than 3 different applications, built, and deployed to the production and lower environment.
* Proficient in developing **Web Services (SOAP, RESTful**) in **python** using **XML, JSON**.
* Defined and Implemented CM and Release Management Processes, Policies and Procedures.
* Installed and Configured Jenkins Plugins to support the project specific task.
* Kept track of all the releases and request of the developers through Infrastructure management tool.
* Designed and implemented Subversion metadata including elements, labels, attributes, triggers, and hyperlinks.
* Configured **Jenkins** as a common build engine to build and deploy applications to DEV, QA, and UAT and PROD environments.
* Maintained build related scripts developed in **ANT, Python and Shell**. Modified build configuration files including Ant's build.xml.
* Implemented **Chef** Recipes for Deployment on build on internal Data Centre Servers. Also re-used and modified same Chef Recipes to create a Deployment directly into Amazon EC2 instances.
* Experienced in authoring pom.xml files, performing releases with the **Maven release plugins**, Maven of Java projects and managing **Maven repositories**.
* Researched and implemented code coverage and unit test plug-ins with **Maven/Jenkins**.
* Configured and maintained Jenkins to implement the CI process and integrated the tool with **Ant** and Maven to schedule the builds.
* Worked with development/testing, deployment, systems/infrastructure, and project teams to ensure continuous operation of build and test systems on Agile methodology.
* Installed, configured, and administered WebSphere Application Server 6.1on Solaris Server.

**Dr Reddy’s – Hyderabad, India 2013 may – 2014 June**

**Unix/Linux System Administrator**

* Installed, configured, and provided 24 7 support to 500 Enterprise Sun Servers E6800, E6500, E4500, and E450 running mission critical applications.
* Built more than 1000 servers from scratch and applied relevant patches on existing servers.
* Built 25 Red Hat Linux 8.0 servers from scratch and provide 24 7 production support.
* Planned, designed, and implemented 4 Node Veritas Cluster on E6800. Troubleshoot Veritas Cluster issues which arose because of different cluster versions 3.2 3.5.
* Optimized performance by tuning **Unix OS**, kernel, memory, I/O, Database, Applications and Networks.
* Installed, configured, and supported RAID 0, RAID 1, RAID 0 1, and RAID 5 on SAN arrays.
* Troubleshoot all hardware and software issues for Sun Enterprise Servers.
* Decommissioned small and obsolete servers and consolidated them into one large server.
* Restored files from Snapshots. Troubleshoot day-to-day problems on **SAN/ NAS**.
* Used Remedy Tool in Production environment which strictly complied with Problem/Change Management policies of the organization.
* Developed shell scripts for automating routine day-to-day tasks, management reports, set up alerts for server resources utilization CPU, memory, disks, etc. Also wrote scripts for auto install and sun cluster. Wrote **Shell scripts** for monitoring Unix server.

**EDUCATION:**

* Masters in Computer Science from Texas A&M University
* Bachelor's Degree in Computer Science from JNTU