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Description automatically generated*Prasad Reddy**

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**Email Id**: [prasadreddy0549@gmail.com](mailto:prasadreddy0549@gmail.com)

**IT professional Around 10+ years of** experience with good knowledge in **Cloud/DevOps Engineering**, **Site Reliability Engineer**, Build**/Release Management, Linux administration** and **Cloud Management and Continuous Delivery (CI/CD)**, **Build and Release, Linux and System Administration with different cloud platforms like Amazon Web Services (AWS), Azure, related** to **Unix/Linux/Windows** platforms.

**PROFESSIONAL SUMMARY:**

* Extensive experience in **Windows AZURE** **(IaaS)** migrating like creating **AZURE VMs**, storage accounts, **VHDs,** storage pools, migrating on premise servers to **AZURE** and creating availability sets in **AZURE.**
* Planning and implementation of data and storage management solutions in **Azure (SQL Azure, Azure files**, **Queue storage, Blob storage**). Implementing scripts with **PowerShell** for **Runbooks.**
* Hands on experience with **Microsoft Azure Cloud Services (IaaS and PaaS)**, **Cosmos**, **Azure Active Directory Connect, ADFS, Office 365**
* Experienced in providing high availability, fault tolerance and scalable applications on **AWS** platform and **Azure**, also have knowledge on**GCP**and**Open Stack**.
* Developed web applications using **C#, ASP.Net, Cosmos, ADO.Net, WCF, JavaScript, AJAX, XML, SOAP, Web Services**.
* Developed detailed specifications for **web services** as well as designing and developing web **API using C# and .Net framework**
* Designed and implemented application using **ASP.NET MVC 5.0** with Razor View Engine, **C#, JSON, jQuery**, Entity Framework in **Visual Studio 2017**.
* Used ASP.NET **MVC** 5.0 framework to support the use of Dependency Injection to inject objects into a class.
* Expertise in **Amazon AWS Cloud Administration** which includes services like: **EC2, EKS, S3, EBS, VPC, ELB, AMI, SNS, RDS, IAM, Route 53, Auto scaling, Cloud Front, Cloud Watch, Cloud Trail, Cloud Formation, OPS Work, Security Groups.**
* Good working knowledge on **AWSIAM** service –**IAM policies**, **Roles**, **Users**, **Groups, AWS access** keys and **Multi Factor Authentication.** And migrated applications to the **AWS Cloud.**
* Setting up databases in **AWS** using **RDS**, storage using **S3 buckets** and configuring instance backups to **S3 bucket. Creation of Amazon EKS cluster**
* Managing **AWS** services and infrastructure through **Terraform** by writing **Terraform modules (Terraform scripts).**
* Having good knowledge on **Google Cloud Platform** **(GCP)** and expertise in Object Oriented Programming using **core Java, Groovy** and **J2EE.**
* Used Stack Driver Monitoring in **GCP**to check the alerts of the applications that run on the Google Cloud Platform and deployed on **GCP** using Google Cloud Deployment Manager
* Have a good knowledge **Nagios** and experience in monitoring tool like **Splunk, AppDynamics, Grafana, Graphite.**
* Expertise in **Docker** based container deployments to create shelf environments for dev teams and cluster management using **Docker Swarm** and **Kubernetes, Cosmos.**
* Experience in building applications of various architecture styles like Micro-services architecture consisting of Restful web services and **Docker container**-based deployments.
* Experience in using **Nexus** and **Artifactory Repository** Managers for **Maven** and **Ant builds.**
* Experienced in **Ansible Tower**, which provides an easy-to-use dashboard and role-based access control and in developing **Ansible playbooks** for managing the application/OS configuration files in **GitHub,** integrating with **Jenkins**, and verifying with **Jenkins plugins**, deploying the application in **Linux** environment.
* Experience in Implementing a Continuous Delivery framework using **Jenkins**, **Maven, Cosmos,** and **Nexus** in Linux environment.
* Working knowledge and administrator experience of Continuous Integration strategies and tools (such as **Jenkins,** TeamCity, etc.)
* Ability to build deployment, build scripts and automated solutions using **shell scripting** and **Python.**
* Experienced working in **AWS EC2, RDS, EKS, security groups, auto - scaling,** load balancers (ELBs), **Azure**, Software Configuration and Build/Release Management, **Chef, Puppet, Ansible, Docker, Kubernetes, Terraform, Splunk, OpenStack, Jenkins, Ant, Maven, GIT, CVS, Cosmos, SVN etc.**
* **AD Migration** Tools to manage any issues relating to migration or provide Service Account updates to staff manager following or during process of migration (Migration Status Overview, Search Migration Date, Reasons for Accounts Not Migrating, Group Naming and Checked Staged Account Status of accounts prior to migration), Cleaning up the application and its assigned resources using EKS.
* Good into Ubuntu Linux Experienced in**DevOps, Build & Release and Configuration Management on Linux and Windows platforms.**
* Dynatrace and Google Dev tools profiles and network tools and log monitoring solutions like **Splunk and ELK stack.**
* Launch and configuration of Amazon EKS worker nodes
* Built and managed centralized application logging stack using Elastic Search and **Log stash (ELK)** deployed through puppet.
* Developed Dev/Test/Prod environments of different applications on **AWS** by provisioning **Kubernetes** clusters on EC2 instances using **Docker, Bash, EKS, Chef, and Terraform, Cosmos.**
* Discussed with the team of Infrastructure Engineers, regarding Terraform templates in provisioning the **AWS** resources such as **EMR clusters, S3, ECS etc.**

**TECHNICAL SKILLS: -**

|  |  |
| --- | --- |
| **Operating System** | Linux (RedHat 4/5/6/7, CENTOS), Unix, Solaris 11/10/9/8, Ubuntu 12/13/14, Windows NT, Windows 8, 12, 12R2, MacOS. |
| **Cloud Platforms** | **AWS, Azure, GCP** |
| **Automation/Configuration**  **Management Tools** | Jenkins, Chef, Puppet, Ansible, EKS |
| **Integration/Continuous Delivery (CI/CD):** | Expertise in designing and implementing CI/CD pipelines using Harness. |
| **Virtualization Technologies** | Windows Hyper-V, VMware ESXi, Virtual Box, vCenter, vSphere, Power VM |
| **Containerization Tools** | Kubernetes, Docker, OpenShift, Spinnaker |
| **PaaS** | PCF, Open stack |
| **Application/Web Server** | Tomcat, Apache, Application Server, IIS, Oracle WebLogic Server 11g, ASP.NET Web Forms, Web API |
| **CI and Build Tools** | ANT, Maven, Hudson, Bamboo |
| **Testing and ticketing tools** | SonarQube, Selenium, JIRA, ServiceNow |
| **Monitoring and Logging Tools** | Nagios, Splunk, ELK, Datadog, Dynatrace |
| **Version Control Tools** | GIT, GitHub, Subversion, Bit-Bucket, CVS, Clear Case |
| **Scripting** | Python, Shell Scripting, Ruby Scripting, Power Shell, YAML Perl, Golang |
| **Database Systems** | Oracle 10g/9i, SQL Server, MySQL, SQL Server, NoSQL, Mongo DB, Cassandra |

**PROFESSIONAL EXPERIENCE: -**

**Cloud Engineer January- 2022 to present**

**PepsiCo – Plano/TX**

**Responsibilities**

* Worked on **CI/CD** tool **Azure Pipelines** to automate the build process from version control tool into testing and production environment.
* Utilizing Modern development practices like **Continuous Integration**, Unit Testing. Ideally basic knowledge of tools like Jenkins or **Azure DevOps Pipelines.**
* Acted as build and release engineer, deployed the services by VSTS **(Azure DevOps) pipeline**. Created and Maintained pipelines to manage the IAC for all the applications.
* Used Maven dependency management system to deploy snapshot and release artifacts to Nexus to share artifacts across projects.
* Written shell scripts to monitor the logs after deployments and send emails automatically.
* Experience in Kubernetes to deploy scale, load balance, and manage Docker containers with multiple names spaced versions using Helm charts.
* Used Model View Controller (MVC) design pattern to develop a complex web application, ASP.NET with C# as Server-side programming language, Angular/ReactJS as client-side validation.
* Managed artifacts generated by Jenkins and involved in creating deployment, build scripts and automated solutions using Python, Perl, PowerShell. Also, have good experience with bash/shell scripting.
* Expertise in 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**.
* Implemented various resources in **Azure** using **Azure** portal, PowerShell on **Azure Resources Manager** deployment models. Experienced in deploying infrastructure as code applications using ARM Templates (JSON).
* Experience in Private Cloud and Hybrid cloud configurations, patterns, and practices in Windows **AZURE** and **SQL AZURE** and in **AZURE web** and **database deployments**.
* Hands-on Experience on GIT and SVN to help manage and document all the changes to Application code and Configuration Management Code and having strong experience on source control concepts like Branches, Masters, Merges and Tags.
* Created Kubernetes cluster with objects like Pods, Deployments, Services, and Config Maps and created reproducible builds of the Kubernetes applications, managed Kubernetes manifest files, and Helm packages and implemented Kubernetes to deploy scale, load balance, scale and manage Docker containers with multiple namespace versions.
* Worked on Jenkins – CI/CD, jobs, builds, pipelines, triggering, KPI/metrics, SCM, testing, notifiers, distributed builds, plugins, REST API, artifacts, configuration management tools like Ansible, Chef, Puppet, Salt stack, and CD best practices like distributed builds, containerization, traceability, high availability, auto repository builds.
* Design, development and implementation of mission critical applications using the AngularJS 4.0+, .NET Framework and SQL technology stack in Azure or other cloud environment.
* Worked in highly collaborative operations team to streamline the process of implementing security Confidential Azure cloud environment and introduced best practices for remediation
* Created Azure services using **ARM templates (JSON)** and ensured no changes in the present infrastructure while doing an incremental deployment.
* Evaluated Kubernetes for Docker container orchestration. Managed Kubernetes charts using Helm. Created reproducible builds of the Kubernetes applications, templatize Kubernetes manifests, provide a set of configuration parameters to customize the deployment and Managed releases of Helm packages.
* 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.
* Constantly Updating our Web Application for better user experience, based on their Suggestions and requirements. By Week Release and Deployments to production

**Site Reliable Engineer/Admin May 2020 –December 2021**

**PayPal – CA**

**Responsibilities**

* Used various **Golang technologies** on Linux platforms and implemented and tested the RESTful web services and APIs in Go.
* Worked on **google stack driver** agent and **Puppet** stack driver installation by using the python and **Golang** scripting.
* Experienced in working on the GsuiteApi calls, to get all the required group names from the Given CSV file.
* Working on the comparison of the roles from the given CSV with the PayPal **Gsuite roles**, in which we have been worked on getting the list of owners for the project labels by using the ownership Api.
* Implementation of client-side validations using Angular Material and ASP.NET MVC5 Validation implemented at the Controller level.
* Worked on the getting and copying **snapshots** from the different project to my project using **Python** scripting by enabling and managing the Disk’s space along with its limit
* Developed GIT hooks for the local repository, code commit and remote repository, code push functionality and worked on the **GitHub**.
* Built and deployed custom Docker images from Artifactory into EKS K8s cluster.
* Setup **Alerting** and **monitoring** using **Stack driver** in **GCP**.
* Migrated applications to the PKS, **GCP**cloud.
* Worked on .NET Core Model-View-Controller approach for enhancing existing ASP.NET Web project to support cross platforms.
* Created **GIT** configuration record for builds using derived objects generated during build audit process.
* Proficient in **GCP**Firewall rules in order to allow or deny traffic to and from the **VM's** instances based upon specified configuration.
* Managed artifacts generated by Jenkins.
* Experience working with **Puppet** Enterprise and **Puppet** Open Source. Installed, configured, upgraded and managed **Puppet** Master, Agents &**Databases**. Integration of **Puppet** with Apache and Passenger.
* Created Custom as well as downloaded pre-written Modules and Manifests, Worked and utilized **Puppet** hierarchy files, facts, and global variables.
* Configured **GCP**cloud **CDN** (content delivery network) to deliver the content from **GCP** cache locations drastically developing user experience and latency.
* Applied specific ingress rules to incoming connections from specified sources to **GCP**targets and egress rules to the traffic going to specified destinations from targets.
* Maintained and developed **Docker images**for a tech stack including Cassandra, Kafka, Apache, and several in house written Java services running in **Google Cloud Platform (GCP)**on Kubernetes.
* Experience in **Google Cloud**components, Google container builders and **GCP** client libraries and cloud SDK’s, Cosmos.

**Sr. Azure/DevOps Engineer/ SRE March 2019 –May 2020**

**Comcast– PA**

**Responsibilities**

* Established SSO connections using SAML 2.0 Ans OAUTH 2.0 protocols in the **AD Azure PaaS** Solutions- (DR on cloud using **AZURE** Recovery vault, **Azure web** and worker Roles, **SQL Azure**, **Azure** storage)
* Worked on **Azure VPN-Point to site**, **virtual networks, Azure** custom security, **endpoint security and firewall**
* Working as Cloud Administrator on **Microsoft Azure**, involved in configuring virtual machines, storage accounts
* and resource groups. Remote login to Virtual Machines to troubleshoot, monitor and **deploy applications**.
* Experience working on **Azure cloud services**, **Azure storage, Azure CLI, Azure Active Directory, Cosmos** and **Azure service Bus**.
* Experience in architecting **Azure laaS**, **Azure Hybrid** identity, **Azure Governance**, **Azure web jobs**, **Azure** search.
* Worked with ASP. developing NET Web Forms, Pages Web: Services, and State Management, caching features, configuring optimizations and securing the web application.
* Integrated Harness into the existing toolchain to enable end-to-end visibility and orchestration of the release process.
* Configured VM's availability sets using **AZURE** portal to provide resiliency for **IaaS** based solution and scale sets using AZURE Resource Manager to manage **network traffic**. Building and Installing servers through **AZURE Resource Manager Templates (ARM).**
* Experienced in writhing terra templates that can spin up infra for infrastructure for multi-tier applications and created and provisioned boot strapped software demo on cloud with **terraform** and deployed infrastructure in multi cloud environment to deploy a fault tolerant application.
* Using **terraform** to automate the deployment process onto azure.
* Converted cloud formation JSON templates to **terraform, Cosmos.**
* I am currently working with **terraform** to create templates for environments using HCL scripting.
* Extensive experience in **Windows AZURE (IaaS)** migrating like creating **AZURE VMs,** storage accounts**, VHDs**, storage pools, migrating on premise servers to **AZURE** and creating availability sets in **AZURE.**
* Developed CI/CD system with Jenkins on **Kubernetes environment**, utilized **Kubernetes** and **Docker** for the runtime environment for the **CI/CD** system to build, Test and Deploy.
* Building/Maintaining **Docker** container clusters managed by **Kubernetes Linux, Cosmos**, Bash, **GIT,EKS, Docker, on GCP** (**Google Cloud Platform**). Utilized **Kubernetes**and **Docker** for the runtime environment of the CI/CD system to build, test deploy.
* Setup **Alerting** and **monitoring** using **Stack driver** in **GCP**.
* Implemented and maintained continuous integration and continuous delivery (CI/CD) pipelines using Harness for efficient and automated software delivery.
* Used **Google Cloud Platform, GCP** Services like **Compute Engine, Cloud Functions**, **Cloud DNS, Cloud Storage** and **Cloud Deployment** Manager and **SaaS, PaaS and IaaS** concepts of Cloud computing architecture and Implementation using **GCP.**
* Creating, managing and performing container-based deployments using **Docker images** containing Middleware and Applications together.
* Integrated **Ansible Tower with Jenkins** to quickly deploy critical applications, managed changes and provided encryption needed for task files with **Ansible Vault.**
* Wrote Python Code using **Ansible Python API** to Automate Cloud Deployment Process.
* Implementing a Continuous Delivery Framework using **Jenkins, Puppet, EKs, Maven & Nexus, Cosmos** in Linux Environment.
* Created a **Jenkins** pipeline to drive all micro-services builds out to **Docker Hub** and then deployed to **Kubernetes**, created pods and configured **Kubernetes** Replication controller.
* Used **ANT** and **Python scripts, Cosmos** to automate the Build and deployment process. Used maven for few modules.
* Conducted regular evaluations of new tools and technologies to enhance the DevOps toolchain, with a focus on Harness best practices.
* Setup and maintained Subversion (SVN) and **Git** repositories along with the creation of branches and tags.
* Automated the migration of Subversion (SVN) repositories to **Git** while preserving the commit history and other metadata like branches, tags and authors.
* Wrote **Ansible** playbooks to manage Web applications and used **Ansible Tower**. We coordinated with **Terraform** DSL for automating inside the **AWS**cloud.

Environment: - Azure, Ansible, Docker, Jenkins, Puppet, maven, Nexus, Kubernetes, GIT,

**Sr. AWS DevOps Engineer May 2018- Feb 2019**

**Cisco – CA**

**Responsibilities**

* Developed **AWS Cloud** Formation templates to create custom sized **VPC, subnets, NAT** instances to ensure successful deployment of **web applications** and data base templates.
* Competence in designing **AWS cloud** Automating infrastructure in **AWS** using amazon web services and Configuring EC2 Instances, **VPC, EKS, Route53, ELB,** Subnets. Models for Infrastructure-as-a-Service **(IAAS),** Platform-as-a-Service **(PAAS)** and Software-as-a-Service **(SAAS)**
* Created required **IAAS** in **AWS** and pipelines in DEV, TEST, STAGING and PRODUCTION
* Involved in designing and deploying multitude applications utilizing almost all the **AWS** stack (Including **EC2, Route53, S3, RDS, Dynamo DB, SNS, EKS, SQS, IAM, Cosmos**) focusing on high-availability, fault tolerance, and Auto scaling in **AWS** Cloud Formation
* **Terraform** works just like cloud formation but it is available for all cloud platforms and not designed to a specific cloud platform like cloud formation to **AWS.**
* Also performed AWS infrastructure automations with **terraform.**
* Add project users to the **AWS** account with multifactor authentication enabled and least privilege permissions.
* Access **VPC, Subnet, Security** Group and **EC2AWS** describe **API** and Cloud Formation to create and deploy several API's that cater to Banking website membership enrollments and payments.
* Involved in designing and deploying multitude applications utilizing **AWS** stack and Implemented **AWS** solutions like **EC2, S3, IAM, EBS, Elastic Load Balancer (ELB), Cosmos, Security Group, Auto Scaling, and RDS**.
* utilized **AWS CLI** to automate backups of ephemeral data-stores to **S3 buckets, EBS** and create **AMIS** for mission critical production servers as backups.
* Monitored resources and applications using **AWS** cloud watch including creating alarms to monitor metrics such as **EBS, EC2, ELB, RDS, S3, EKS and configured notifications for the alarms** generated based on events defined.
* Using **AWS** S3 to store code bundles to deploy onto **EC2 Instances** along with working on providing **DNS** management using **AWS Route S3**
* Worked on **Ansible modules** to deploy **Docker services** on the **Docker cluster** for the entire microservices stack.
* Implemented **Docker** containers and created clients respective **Docker images** and leveraged **Apache Mesos** and Aurora to manage **Cluster hosts** for Applications
* Had built a **docker** image by writing a **Docker file**, which provides the necessary environment required for generic job.
* Created Maven POMs to automate the build process for the new projects and integrated them with third party tools like **Sonar, Nexus.**
* Wrote Python Code using **Ansible** Python API to **Automate Cloud Deployment Process**. Developed Python Modules for **Ansible** Customizations.
* Setup incremental and full backups of Subversion (SVN) and **Git** repositories using tools such as sync, Subversion (SVN) dump etc. and scheduled using Koruna.
* Build and manage real time, monitoring dashboards using **Elastic Search-Logstash-Kibana (ELK’S).**

Environment: - AWS, AMI, WAS, EKS, Elk’s, Jenkins, Ansible, Cosmos, WebLogic, Docker, vagrant, Ec2 instances, packer, VPC, Elasticsearch, Logstash,

**General Motors – MI April 2017- Feb 2018**

**DevOps Engineer**

**Responsibilities**

* Involved in deploying the content cloud platform on Confidential **using EC2, S3, and EBS**. Evaluate **Chef** and **Puppet** framework and tools to automate the cloud deployment and operations.
* Leveraged **Aws cloud services** such **as EC2, EKS, Auto scaling** and VPC to build secure, highly Scalable, high available and flexible systems that can handled expected and unexpected load bursts.
* Worked with **Splunk ITSI** modules like the prebuilt **KPIs**, dashboard visualization and entity definitions.
* Integrated projects with Data dog for logging and monitoring of **Docker Containers and Clusters.**
* Experience working on several **Docker** components like **Docker Engine, Hub, machine, compose and Docker registry,**
* Managed the software configurations using **Chef** Enterprise.
* Manage configuration of Web application and **deploy to AWS cloud server through Chef.**
* Developed **Puppet Modules** for installation & Auto healing of various tools like **Jenkins, MSSQL, Nexus** etc. these modules are designed to work on both **windows and Linux platforms**.
* Configured local **Maven**repositories and multi-component Ant projects with **Nexus** repositories and scheduled projects in **Jenkins**for continuous integration.
* **Deployed J2EE applications** to Application servers in an Agile continuous integration environment and automated the whole process and migrated from **Maven to Gradle build tools** in **Jenkins, Cosmos** to move from one environment to other environments.
* **Configuration of Hudson** along with **Ant and Python Scripts** for Automated build and deployment Process
* Maintained build related scripts developed in **ANT, Python and shell**. Modified build configuration files including **Ant’s build.xml.**
* Experienced in authoring **pom.xml files**, performing releases with the Maven release **plugin, Cosmos, Mavenization of Java projects and managing Maven repositories.**
* Used Maven dependency management system to deploy **snapshot** and release artifacts to **Nexus** to share artifacts across projects.
* Imported and managed multiple corporate applications into **GitHub** code management repo.
* Setup and Implement Continuous Integration and **Continuous Delivery (CI & CD)** Process stack using **AWS, GITHUB/GIT, Jenkins and Chef.**

Environment: - Jenkins, Chef, Git, Maven, Python, EKS, Ant, Puppet, GitHub, Linux, Windows, Tomcat

**Century Link –Monroe, Louisiana Area July 2015- Sept 2016**

**Build and Release Engineer**

**Responsibilities**

* Worked on using **Chef Attributes, Chef Templates, Chef Recipes** and **Chef Files** for managing the configurations across various nodes using **RUBY.**
* Experience in Implementing a Continuous Delivery framework using **Cosmos**, **Jenkins, Maven and Nexus**in Linux environment.
* Converted old builds using make to **Ant and XML** for doing Java build. Used Artifactory repository tool for maintaining the java-based release code packages. Installed and Configured the **Nexus repository** manager for sharing the artifacts within the company.
* CI builds are done using **Jenkins/Hudson**. Build is maintained in **Jenkins/Hudson** and deployed using plug-ins and **Master-Slave** setups.
* Configured jobs and deployed various middleware artifacts using **Devops** tools like**Jenkins**.
* Developed build and deployment scripts using **Ant and Maven**as build tools in **Jenkins** to move from one environment to other environments.
* Responsible for building/deploying consistently repeatable build/deployments to company production and non-production environments using **JENKINS & BUILD Pipelines, ANT, MAVEN, Cosmos.**
* Administer and Maintain Source Code Repositories including **GIT, Subversion and TFS.**
* Involved in migration from **SVN to GIT repos** and worked with **Linux sys** admins for the same
* Installed and configured **WebSphere Application** Server Network Deployment, Express, 6.1/6.0 on **Linux**, Windows.
* Administered a complex **SOA based WAS** and **WebSphere portal** Server environment and responsible for maintenance, configuration, performance tuning, deployment and troubleshooting of **WAS** and **Java Code** Issues **WebSphere Portal Server** on Linux platform.
* Worked with developers to agile processes and tools, such as branching, source control structure, dependency management, **Linux\Windows** hybrid build infrastructure, code review, and check-in policies, that are developed and instrumented by **DevOps** teams across projects globally.

Environment: - Linux, WAS, GIT, Windows, Maven, Jenkins, RUBY, Nexus, Chef, Ant

**Sr. System Administration Jan 2014- June 2015**

**Computer Science Corporation- India**

**Responsibilities**

* Performed Kickstart to automate installation process **CentOS** server units and wrote bash shell script to create multiple accounts at once and a script to configure samba server on **Linux** for file sharing.
* Troubleshooting’s, web, database server, and mail applications across various operating systems (Windows, RHEL(RedHat), CentOS, Ubuntu).
* Used **Rpm** and **Yum** for patch management and resolving **kernel** panic issues after patching.
* Worked with variety of storage volume managers such as **ZFS, LVM, SVM, VERITAS** Volume Manager on backend **EMC** storage arrays.
* Installation & troubleshooting of Operating Systems like **Win 98, Win XP, win 2000, 2003** by going to the customer site to troubleshoot the problems.
* Installs Firmware upgrades, kernel patches, systems configuration, performance tuning on **RedHat Linux** systems and configuring **CPU,** memory and disk partitions as required.
* Installation, maintenance and administration of **Oracle** and **Db2 Server** on Sun Servers.
* Creates and administers User accounts, manages User security, password recovery, aging and complexity. Responsible for provision, configuration, maintenance, and security of back-end Systems.
* Installed, configured, Administered and supported WebSphere Application Servers 6.0/6.1 on **Windows** and **Linux** environment using **GUI** as well as silent install.
* Manage, coordinate, and execute hardware and software upgrades on **Linux servers,** as well as **Windows** and Linux patching and **Writing shell/Bash scripts** for Automated Back- ups and **Cron Jobs.**

Environment: - Bash Scripts, Linux, Windows, GUI, RedHat

**ING VYSYA BANK – India Oct 2012 – Nov 2013**

**Linux Administrator**

**Responsibilities**

* **Linux Administrator** in a large team responsible for maintaining Linux operating systems such as **RHEL, CentOS, Ubuntu** and **SUSE 10/11.**
* Updated and automated Release reports for Change Management.
* Created **SVN** configuration record for builds using derived objects generated during build audit process.
* Responsible for building and releasing packages for testing. Adding servers to domain and managing the groups and users in **Active Directory.**
* Building & configuring **RedhatLinux systems** over the network, implementing automated tasks through **Crontab**, resolving tickets according to the priority basis.
* Administered **Redhat Linux** servers for several functions including managing **Apache/Tomcat server**, Mail server, **MySQL database** and firewalls in both development and production.
* Expertise in **UNIX shell scripting** and **python scripts** used to automate day to day administrative tasks.
* Involved in writing **Python, Perl and Shell scripts** for compilation and deployment process.
* Worked in an **Agile / Scrum** development team to deliver an end-to-end continuous integration and continuous deployment in **SDLC.**
* In charge of reviewing existing manual Software Builds, developing scripts to automate repeated tasks that are more susceptible to errors and risks using **Shell scripting.**
* Responsible for configuring and maintaining **Squid** server in **Linux.** Deployed **Java applications** into **Apache Tomcat Application Servers.**
* Used Test driven approach for developing the application and implemented the unit tests using **Python Unit test** framework.
* Provided **24/7** on call support on **Linux Production Servers**. Responsible for maintaining security on **RHEL.**

Environment: - Linux, Shell scraping, Python, Perl, Python, RedHat, Apache/Tomcat,

**EDUCATION:**

* Bachelors -JNTUH HYD -  2015
* Masters - Auburn university - 2016 to 19, worked as CPT during masters