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**TECHNICAL SUMMARY:**

*Certified* ***Solutions Architect and SysOps Administrator-*** *Associate* ***in AWS,*** *having* ***7+ years*** *of experience with in-depth knowledge in cloud platforms like* ***AWS, Azure, GCP*** *and proven expertise in designing and building highly-available, scalable, robust and cost-effective cloud infrastructure, continuous integration and deployment pipelines, orchestration, containerization and configuration management as per the client needs.*

* Solid Knowledge in Building servers using **AWS** which includes importing necessary volumes, launching **EC2 instance**, **S3 Bucket** for object static web pages and created security groups, auto scaling, **load balancer**, **Route 53**, and **SNS** as per the architecture using **IAAC t**ools like Cloud formation **JSON templates**.
* Hands on experience in **AWS** provisioning and good knowledge of **AWS** services like **CloudFormation, Elastic Bean Stalk, VPC, EBS etc**., Knowledge of application deployment and data migration on **AWS**.
* Contributed to a method with **Hashi corp** Packer to test new **AWS AMIs** before promoting it into production
* Ensured successful architecture and deployment of enterprise grade **PaaS**solutions using **Pivotal Cloud Foundry (PCF)**as well as proper operation during initial application migration and set new development.
* Exposed to all aspects of Software Development Life Cycle (**SDLC**) and In-depth understanding of the principles and best practices of Software Configuration Management in **Agile, waterfall** methodologies.
* Experience in integrating **Terraform** with **Ansible**, Packer to create and Version the AWS Infrastructure, designing, automating, implementing and sustainment of **Amazon machine images** (AMI) across the **AWS Cloud environment**
* Profound experience on testing a private storage cloud using **OpenStack** **SWIFT** software and worked as well with OpenStack **Multi-node installation,** Configurationand **Administration**.
* Hands-on experience on Service Management Automation (**SMA)** for automating the creation, monitoring and deployment of resources into **Azure** pack environment. Secured multiple **Azure Virtual Machines (VMs)** and cloud services by deploying them into secure **Virtual nets (VNets)** and subnets and monitored the same.
* Experience in designing, configuring and deploying solutions on Microsoft **Azure** using **ARM Templates**, **AZURE PowerShell Module** and, **Azure CLI** focusing on high-availability and auto-scaling.
* Profound experience in configuring **Azure web apps**, **Azure App services, Azure Application insights, Azure Application gateway, Azure DNS, Azure Traffic manager, App services, Analysing Azure Networks with Azure Network Watcher**, Implementing Azure Site Recovery, Azure stack, Azure Backup and Azure Automation.
* Experience on Microsoft Azure Cloud Services (**PaaS & IaaS**), **Azure Storage, Azure SQL, Azure Services** and deploying **Azure Web role**. Also used windows Azure to deploy application on the cloud and managed the session.
* Have experience with **migrating** infrastructure and application from on premise to **Azure** and from **cloud to cloud** such as AWS to Microsoft Azure and GCP.
* Extensively Worked on Automating the **Google cloud platform** Infrastructure using **GCP** **Cloud Deployment Manager** and Securing the GCP infrastructure using **Private subnets, Security groups, NACL(VPC)** etc. also Configuring and deploying instances on GCP environments and Data centres and familiar with Compute**, Kubernetes Engine,** Stackdriver Monitoring**, Elastic Search** and **managing security groups**.
* Experience in Oracle application development with excellent technical skills in **Oracle EBS** Financial & Manufacturing Modules. Experience with upgrade, **Oracle EBS** support as database Administrator and performance tuning.
* Experience with **Oracle EBS** - write code from scratch and take requirements on the fly.
* Hands-on experience in configuring **PCF** components OAuth2 server and login server, Cloud Controller, nsync, BBS, Cell Rep, Blobstore, Diego Cell Experienced with working OAuth2 server & login server to provide identity management.
* Experience in developing API Ansible using **Kubernetes** to manage and specify the copies of the containers to run the actual servers in cloud environment. **Scheduled**, **deployed** and managed **container** replicas onto a **node** **cluster** using **Kubernetes**.
* Authored several scripts leveraging **VMware’s** PowerCLI and Windows **PowerShell** to aid with capacity planning and monitoring of the virtualization infrastructure.
* Create clusters in **Google Cloud** and manage the clusters using **Kubernetes**(k8s). Using Jenkins to deploy code to Google Cloud, create new namespaces, creating docker images and pushing them to **container registry** of **Google Cloud**.
* Expertise in App Containerization technology **Docker**, creating **Docker images**, **Containers, Docker Registry** to store images, cloud-based registry **Docker Hub, Docker Swarm** to manage containers.
* Extensively worked on **Chef Roles,** Cookbooks, Recipes, Templates, Resources**,** Attributes & Data bags.Proficient in the setup of **Chef Servers,** workstations & **bootstrapping** infrastructure **Chef Nodes** for configuration management.
* Proficient in setting up Upstream and Downstream Jobs in **Jenkins**/**Hudson**. Worked with **Jenkins** **Pipelines**.
* Experience in **System Administration,** System and Server builds**, Installs,** Upgrades**, Patches, Migration,** Trouble shooting**, Security, Backup,** Disaster Recovery**, Performance Monitoring** and Fine-tuning on UNIX (**Red Hat Linux**) System
* Skilled in load balancing and monitoring with **Nagios and Splunk**, **ELK**. Implemented **ELK** stack (**Elastic Search, Logstash** and **Kibana**) for log indexing.
* Experience in using **Docker** and setting up **ELK** with Docker and Docker-Compose. Actively involved in deployments on **Docker** using **Kubernetes**.
* Responsible in working on web servers like **Apache HTTP** server**, NGINX** and application servers like **Web** **logic**, **Tomcat**, **WebSphere IBM ODM, JBOSS** and databases like **Oracle, MySQL, DynamoDB, PostgreSQL, Cassandra.**
* Experience in Monitoring infrastructure to identify and troubleshoot issues using tools like **Nagios**, **Splunk** & **JIRA**.
* Expertise in Python, **Linux** **Shell, Ruby, JSON, YAML, Groovy** and **Perl** **scripting**. **UNIX**, **Windows**, build and release engineering principles.
* Expertise in implementation and maintenance of **Apache HTTPD, SMTP, DHCP, NFS, NIS, NIS+, LDAP, FTP,** Remote Access, Security Management Security trouble shooting skills. Deep understanding of Layer 7 protocols **like HTTP, DHCP, DNS and SSL/TLS**.

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| **Cloud** | *AWS, Azure, GCP, OpenStack* |
| **Configuration Management Tools** | *CHEF, ANSIBLE* |
| **CI/CD Tools** | *Jenkins, Bamboo, GitLab CI/CD* |
| **Build Tools** | *ANT, MAVEN* |
| **Container Tools** | *Docker, Kubernetes, OpenShift* |
| **Version Control Tools** | *GIT, CVS, SVN, Bit Bucket, VSTS* |
| **Monitoring Tools** | *Nagios, Splunk, ELK, Cloud watch* |
| **Scripting** | *Bash/Shell, Perl, Python, Ruby, Power shell, Jason, YAML, Groovy, JavaScript* |
| **Databases** | *My SQL, MS Access, Oracle 9i/10g/11g, DB2, NoSQL (MongoDB, DynamoDB)* |
| **Application Servers** | *WebLogic 9.x/10.x, WebSphere 6.x/7.x/8.x, JBOSS 4.1* |
| **Web Servers** | *Apache HTTP, Nginx, Apache TOMCAT* |
| **Networking** | *DNS, DHCP, SMTP, HTTP, SNMP* |
| **IDE Tools** | *ECLIPSE IDE, NETBEANS* |
| **Operating Systems** | *Linux (Red Hat 4/5/6/7), UBUNTU, UNIX, WINDOWS NT/2000/2003/XP/VISTA/7/8/10, PowerShell.* |
| **Virtualization Tech** | *VMware vSphere ESXi 5.x/4.x, ESX /3.x, VMware Workstation, Oracle Virtual box* |

**Certifications:**

* Amazon Web Services SysOps Administrator Associate
* Amazon Web Services Solutions Architect Associate
* Certified Kubernetes Administrator.

**WORK EXPERIENCE**

**Client: FINRA, Rockville, MD Jan 2020 - present**

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

**Responsibilities:**

* Setup and build **AWS** infrastructure various resources, **VPC EC2, S3, IAM, EBS**, Security Group, Auto Scaling, and RDS in Cloud Formation **JSON templates**. Developed strategy to migrate **Dev/Test/Production** from an enterprise **VMware** infrastructure to the **IaaS Amazon Web Services (AWS)** Cloud environment including runbook processes and procedures.
* Involved in complete cycle on migrating physical Linux/Windows machines to **cloud (AWS)** and configured Apache webserver in the Linux **AWS Cloud** environment using **Chef and Ansible automation**.
* Worked on **AWS Auto Scaling** in **VPC** for providing high availability of applications and horizontal scaling of EC2 instances based on a load of applications by using **AWS Cloud Watch**.
* Worked on cloud watch to monitor the resources such as **EC2 instances** CPU memory, Amazon to design high availability applications on **AWS** across availability zones.
* Creating **S3 buckets** and managing policies for S3 buckets and utilized S3 bucket and **Glacier** for storage and backup on **AWS**.
* Created functions in **Lambda** that does data manipulation of incoming events and stored results in **Amazon S3** and setup triggers to inform via email through **SNS.**
* Participated in the redesign of a list management system to run as a scalable micro service within the **Amazon cloud (AWS)** using **Amazon Kinesis** and Lambda.
* Configured **AWS cloud infra as code** using **terraform** and continuous deployment through **Jenkins** and automated the cloud formation using **Terraform**.
* Implemented **Terraform** modules for deployment of various applications across multiple Cloud providers and managing infrastructure.
* Worked with **Terraform** key features such as Infrastructure as code, Execution plans, Resource Graphs, Change Automation and extensively used Auto scaling launch.
* Created AWS AMI have used **HashiCorp** Packer to create and manage the AMI's.
* Installed **Docker** **Registry** for local upload and download of **Docker** **images** and from **Docker Hub** and created Docker files
* Defined a multi-container application in a single file, span the application up in a single command using Docker Compose.
* Used Jenkins and pipelines to drive all micro services builds out to the Docker registry and then deployed to **Kubernetes**, created Pods and managed using **Kubernetes**. Used Jenkins pipelines to drive all micro services builds out to the Docker registry and then deployed to Kubernetes, Created Pods and managed using Kubernetes
* Building/Maintaining Docker container clusters managed by **Kubernetes** Linux, Bash, GIT, Docker, on GCP (Google Cloud Platform). Utilized Kubernetes and Docker for the runtime environment of the CI/CD system to build, test deploy.
* Involved in development of test environment on Docker containers and configuring the Docker containers using Kubernetes.
* Refactoring of monolithic applications to a Microservices and Component based architectures.
* Building/Maintaining Docker container clusters managed by **Kubernetes** Linux, Bash, GIT, Docker, on GCP
* Worked with OpenShift platform in managing Docker containers and **Kubernetes** Clusters.
* Written **Chef Cookbooks** and recipes to Provision several pre-prod environments consisting of Cassandra DB installations, web logic domain creations and several proprietary middleware installations.
* Maintained high availability clustered and standalone server environments and refined automation components with scripting and configuration management **(Ansible)** and experienced in writing **Ansible scripts.**
* Automated various infrastructure activities like **Continuous Deployment**, Application Server setup, Stack monitoring using **Ansible playbooks** and has Integrated Ansible with **Jenkins** and proficient in using GitLab, drone, Spinnaker.
* Worked on automation tool like Ansible where-in I configured systems, deployed the software and orchestrated tasks by writing **Ansible Playbooks.**
* Developed an automated deployment tool for dev, QA and production environments using **Ansible**. Allows new services to be deployed and released simply by developers including an **Ansible playbook**.
* Scripting in multiple languages on **UNIX, LINUX** and Windows - **Batch, Python, Shell script** etc.
* Expert in using **GIT** and its various commands. Also, integrated GIT with **Jenkins** & build tools like **ant, maven**. I have also used **GIT** flavors like **GIT hub, GIT lab and stash.** I have a very good experience in implementing various branching strategies, automated various tabs related to release.
* Worked on **JIRA** with **Jenkins** to automate the weekly build process. Used **JIRA** workflows to automate deployment and issue tracking.
* Configuring and managing an **ELK** stack, set up the elastic search **ELK** Stack to collect search and analyze log files from across the servers and integration of Application with monitoring tool New Relic for complete insight and proactive monitoring.
* Experience in server monitoring, and the **ELK** stack for log aggregation. Wrote tooling and libraries in Go to clean up.
* Utilization of **Agile** methodology through the entire project, while participating in weekly and daily basis release management.

**Environment*:*** *AWS, GCP, Chef, Computer Engine API, Deployment Manager API, GCP Kubernetes Engine, Storage, PCF, Kubernetes, Docker, Terraform, Jenkins, GIT, JIRA, Ansible, Maven, Nginx, Nexus, SonarQube, ELK, KAFKA, Dynatrace, Apache Tomcat, Python, Power Windows/Linux.*

**Client: Sprint, Overland Park, Kansas Aug 2018- Dec 2019**

**Role: *Azure/DevOps Engineer***

**Responsibilities:**

* Designed capacity and architecture plan to create **Azure** Cloud environment to host migrated **IaaS VMs** and **PaaS role** instances for refactored applications and databases. Deployed infrastructure as a code (Ioc) applications using **ARM Templets (JSON).**
* Developed **Azure ARM** Templates for different teams to deploy the .Net based application on to Web roles, triggered **ARM Templates** from the **VSTS** to build the .Net based applications and worked on **Azure Key** Vault to encrypt the data.
* Configured and deployed **Azure Automation** Scripts for a multitude of applications utilizing the **Azure stack** for Compute, Web and **Mobile, Blobs, Resource Groups, Azure Data Lake, HDInsight Clusters, Azure Data Factory, Azure SQL, Cloud Services, and ARM Services and utilities focusing on Automation.**
* Managed migrating **SQL Server** databases to **SQL Azure Database** using **SQL Azure Migration** Wizard and used Python API to upload agent logs into **Azure blob storage.**
* Involved in Backing up and Recovering an **Azure** Virtual Machine from a Recovery Services Vault and **Azure** Site Recovery Services. Having a good knowledge of Understanding on Express Route, Network Security Groups, Storage Accounts, and Storage Explorer and **Azure Architecture**.
* Created **Terraform** templates for provisioning virtual networks, subnets, **VM Scale** sets, Load balancers and **NAT** rules and used **Terraform** graph to visualize execution plan using the graph command.
* Extensively involved in infrastructure as code, execution plans, resource graph and change automation using **Terraform** and wrote new plugins to support new functionality in **Terraform**.
* Created and troubleshooted **Kubernetes YAML** files to deploy **SCM CI/CD** applications automatically and Idempotently to reduce time costs. Used **Kubernetes** to deploy, load balance, scale and manage **docker** containers with multiple name-spaced versions.
* Developed **CI/CD** system with Jenkins on **Kubernetes** container environment, utilizing **Kubernetes** and docker for the runtime environment for the CI/CD system to build and test and deploy.
* Worked on **Docker** container snapshots, attaching to a running container, removing images, managing Directory structures and managing containers.
* Worked on **Docker-Compose, Docker-Machine** to create Docker containers for testing applications in the QA environment and automated the deployment to **Nexus, scaling** and management of containerized applications.
* Designed strategies for optimizing all aspect of the **CI,** release and deployment processes using container and virtualization techniques like **Docker** and **Kubernetes**. Built **docker** containers using microservices project and deploy to Dev.
* Created playbooks for deployments and bug fixes with Ansible. Deployed and tested playbooks in Docker containers before pushing changes in Git.
* Developed **Ansible Playbooks** to manage Web applications, environment configuration files, Users, Mount points, and Packages. Customized **Ansible** modules for finding facts about **Azure Monitor alarms** and taking actions to manage those alarms during deployments.
* Integrated **Jenkins CI** with **GIT** version control and implemented continuous build based on check-in for various cross functional applications and created **GitHub** Web Hooks to setup triggers for commit, push, merge and pull request events.
* Working on version control systems like **GIT** and used Source code management client tools like Source Tree, **GIT Bash, GIT Hub, GIT GUI** and other command line applications etc.
* Managed artifacts generated by **Jenkins** & configured jobs with the **Maven** for various deployments of .Net enterprise applications in **Agile** environment, automated solutions using **Python** & managed artifacts in Sona type **NEXUS repository**.
* Authored several scripts leveraging VMware’s PowerCLI and Windows **PowerShell** to aid with capacity planning and monitoring of the virtualization infrastructure.
* Created custom fully automated solution using Windows **PowerShell** to export individual mailboxes from the Exchange environment and save them as separate PST files.
* Developed custom **PowerShell** script to tie into the filesystemwatcher .net class and mimic the functionality of a document management solution, managing documents and complex permissions that are typically not possible with NTFS permissions. (Aires Consulting Group).
* Parse the application and system logs using **Python** and **PowerShell** for all applications to proactively **monitor** and **trace errors** with automated email alerts to various teams internally.
* Provided 24/7 on call support on **Linux** and **Windows** Production Servers. Responsible for maintaining **UNIX, Linux** and Windows security. Primary Support in deployment, installation and configuration of **Linux Servers** in production environment.
* Implemented the automated **Nagios** in Ops environment for alerts & email notifications using **Python** script & executed them through **Ansible.**

**Environment:***Azure (Web Roles, Worker Roles, SQL Azure, Azure Storage, Azure AD, Resource Groups, Office365, RBAC), OpenStack, Chef 13.x/12.x, Ansible 2.4, Docker 1.13.1/1.12.6, 1.8/1.7, Maven 3.5.x, Jenkins 2.10x, GIT-2.1x/2.x,Cassandra 2.x/3.0, AEM 6.2/6.0, Python 3.6, Jira 6.4, Dynatrace, Azure Services, Azure and Ansible, Azure Site Recovery, Azure Terraform, Azure ARM, Azure RBAC, Azure Virtual Networks, Azure NSG, Azure SQL, Azure Database, Azure app insights.*

**Client: HSBC, Chicago, IL Jan 2016 - July 2018**

**Role: Senior *AWS Engineer***

**Responsibilities:**

* Created **AWS** **CloudFormation** templates to create custom-sized **VPC**, subnets, EC2 instances, **ELB**, security groups. Worked on tagging standard for proper identification and ownership of **EC2** instances. and other AWS Services like **EBS, Cloud Front, cloud watch, RDS, S3, Glacier, DynamoDB, Lambda, RDS, IAM, Route53, SNS, SQS, Cloud Trail**.
* Played an important role in implementation/deployment of a cloud-based infrastructure (Web apps, Application Service Environments, Firewalls, load balancers, storage, monitoring, security, DNS etc.)
* **Migrated services** from a managed hosting environment to **AWS** including service design, network layout, data migration, automation, monitoring, deployments and cutover, documentation, overall plan, cost analysis, and timeline.
* Converted existing **AWS infrastructure to server-less architecture** (AWS Lambda) and deployed it via **Terraform**. Migrated data from Datacentres and on-premises to Cloud using AWS Import/Export **Snowball service**.
* Played a key role in Architect, build and maintain Highly Available secure multi-zone **AWS** cloud infrastructure utilizing **Chef** with **AWS CloudFormation** and **Jenkins** for continuous integration.
* Build, configuration, administration, and troubleshooting of the VPC networking in a cross-domain, including VPC peering, limits and pricing and architects within **AWS** cloud populated by infrastructure, platform, and application services that share common security and interconnection and **AWS** **Lambda** and **AWS** **config**.
* Created AWS EBS volumes for storing application files for use with AWS EC2 instances whenever they are mounted to them and installed **Pivotal Cloud Foundry (PCF)**on EC2 to manage containers created by **PCF**  for **Dev**, **ISO,** **Pre**-**Prod**, & **Prod**, with minimal intervention for smooth transitions.
* Configured applications that run **multi-container Docker** applications by utilizing the **Docker-Compose** tool which uses a file configured in **YAML** format. Used **Kubernetes** to manage containerized applications using its nodes, Config-Maps, selector, Services and deployed application containers as Pods.
* Involved in setting up **Kubernetes** (**k8s**) clusters for running microservices. Took several microservices into production with Kubernetes backed Infrastructure
* Installing and configuring Continuous Integration tools such as **Bamboo**, Build Forge, AnthillPro, Cruise Control and Hudson for build and deployment automation.
* Involved with set up of continuous integration and daily builds using **Bamboo** with Artifactory repository manager.
* Experienced in working on several **Docker** components like **Docker** Engine, Hub, Machine, creating Docker images, Compose, Docker Registry and handling multiple images primarily for middleware installations and domain configurations.
* Worked with **Docker** for convenient environment setup for development and testing. Installed Docker Registry for local upload and download of **Docker images** and even from **Docker hub**
* Installed **Chef-Server** enterprise On-Premise/WorkStation bootstrapped the Nodes using Knife and worked with **Chef** Enterprise Hosted and Written Cookbooks and uploaded them to **Chef-Server** & managed on-site applications/services.
* Worked on **Ansible** and **Ansible** Tower to automate repetitive tasks, to deploy critical applications quickly, and proactively manage the changes.
* Resolved update, merge and password authentication issues in **Bamboo** and JIRA and kept track of all releases and request of the developers through infrastructure management tool.
* Worked with **AWS** Cloud Formation Templates, **terraform** along with **Ansible** to render templates and **Murano** with **Heat** **Orchestration** templates in **OpenStack** Environment.
* Built **Jenkins** jobs to create AWS infrastructure from GitHub repos containing Terraform code and administered/engineered Jenkins for managing weekly Builds and integrated **Jenkins** with various DevOps tools such as Nexus, SonarQube, Chef etc.
* Installed **Jenkins** on a Linux created master and slave configuration and drove all microservices builds out to the **Docker** registry. Build scripts using **Maven** in Jenkins to move from one environment to other.
* Experienced in creating custom Build &amp; Deployment automation solutions in scripting languages including **Python, Shell, UNIX shell, Ruby, Perl**. Worked and administered artefact tools including Nexus and Artifactory.
* Creating and Implementing **branching** and **merging** strategy with multiple branches and used **Git** as source code management repository to keep track of version changes.
* Implemented a centralized logging system using log stash configured as an **ELK** stack (**Elastic search, Log stash, and Kibana**) to monitor **system logs, VPC Flow logs, Cloud Trail Events**, changes in S3 etc.

**Environment:** *AWS****,*** *involved Jenkins, OpenStack, Linux, Solaris, RHEL 6.x, Vagrant, Ant, Git, Jira, Bamboo, Nexus, Windows, Bash, Python, Apache2, Nginx, OpenStack, Network Protocols, Virtualization, BMC Remedy, Oracle HTTP Server.*

**Client: Zerodha, Bangalore Oct 2014 - Dec 2015**

**Role*: Software Build/DevOps Engineer***

**Responsibilities:**

* Managed **Amazon** **Web** **Services** (**AWS**) infrastructure with automation and configuration management tool such as **Chef**. Designing cloud hosted solutions, specific **AWS product** suite experience.
* Rendered keen oversight to establishing **Java applications** onto different environments such as development, quality assurance, and production.
* Managed build and deployment using **Ant, Bamboo, SCM** tools and managed Maven project dependencies by creating parent-child relationships between projects.
* Proficient in working with network protocols like **TCP/IP, DNS**. Worked with an agile development team to deliver an end to end **continuous integration/continuous delivery** product in an open-source environment using Jenkins to get the job done.
* Wrote **shell scri**pts and automated creating projects in **Jenkins** and Nexus repository as part of the release process.
* Installing and configuring tools like **Splunk** for application servers, Integration with **Splunk**, which offers a pre-built knowledge base of critical dashboards and reports.
* Worked with **Splunk** and AppDynamics monitoring using custom monitors, maintaining and adjusting existing monitors and responding to generated requests.
* Create **Splunk** Search Processing Language (**SPL**) queries, Reports and Dashboards.
* Maintained multiple **cookbooks** in **Chef** by converting production support scripts to Chef recipes to automate the configurations in servers.
* Build automation using **Jenkins server**, Install and configuration of **Jenkins**, configure plugins, job setup, and build pipeline and delivery pipeline views.
* Providing continuous improvement to agile software development teams by working with **Jenkins** under the **CI/CD** pipeline. Integrated Ant, Nexus, Jenkins, SVN, Confluence and JIRA and Used **Git** with **Jenkins** to integrate to automate the code checkout process.
* Setting up continuous integration and formal builds using Bamboo with Artifactory repository and resolved update, merge and password authentication issues in **Bamboo** and JIRA.
* Automating various activities using scripting languages like **Perl, Python, PowerShell** based on the requirements.
* Setup SCM Polling for Immediate Builds with Maven and Maven Repository (Nexus Artifactory) by installing Jenkins Plugins for **GIT Repository.**
* Expert in using **GIT** and its various commands. Also, integrated **GIT** with Jenkins & build maven. I have also used **GIT** flavours like **GIT** **hub**, **GIT lab** and **stash**. I also have a very good experience in implementing various branching strategies, automated various tabs related to release.

**Environment***: Puppet, Chef, Ansible, ANT, Maven, SVN, Git, Nagios, Ansible, Terraform, CI/CD, Agile, RedHat Linux, Solaris, Ubuntu, Windows, Java, Apache Tomcat, JBoss, Shell, Perl, Python, Ruby, Splunk.*

**Accenture, Hyderabad, India July 2013 - Sep 2014**

**Client: Health Care Service Corporation (HCSC)**

**Role: *Sr. Linux System Administrator***

**Responsibilities:**

* Administration of **RHEL** 5/6, **Centos Linux** that includes installation, testing, tuning, upgrading, and loading patches, troubleshooting both physical and virtual server issues.
* Created, cloned Linux **VM’s**, templates using **VMware** Virtual Client migrating servers between ESX hosts.
* Installed and configured **SSH, SFTP, NDM, EMC Power path, Veritas Dynamic multipathing, Oracle client, SAMBA** utility software.
* Used various networking tools such as **ssh, telnet, rlogin, FTP, sftp** and ping to troubleshoot daily networking issues.
* Administered **Linux servers** for several functions including managing **Apache Tomcat** server, **mail servers**, and **Oracle**, **MySQL** databases in both development and production.
* Administered various **Red Hat Linux** Distributions with use of **Kickstart** in order to **monitor, scale, maintain** and plan **capacity** of Servers.
* Wrote **Shell Scripts** for system/application, Application **monitoring**, Data feeds files transfers & log file analysis.

**Environment:** RHEL 5/6, Samba, Linux VM, Solaris 9/10, Bash/shell, WebSphere 6.x/7.x/8.x, MySQL, Oracle, Apache, VMware.

**Role: *System Admin*  July 2012- June 2013**

**Responsibilities:**

* A custom build of **Windows 2003** and **Windows 2008** servers which includes adding users, **SAN**, network configuration, installing application related packages, managing services.
* Installation, maintenance, and administration of **Oracle** and **DB2** Server on Sun Servers.
* Setting up network environments using **TCP**/**IP**, **NIS**, **NFS**, **DNS**, **SNMP** agents, **DHCP** and **Proxy**.
* Remote system administration using tools like **SSH**, **Telnet**, and **Rlogin**.
* Installation and administration of **RHEL** 4.0 and Configured **kickstart** server and updating/applying patches to the servers using Red Hat **Satellite** server. Fine tuning of Servers and configuring networks for optimum performance.
* Worked with Master Pages, Page Layouts, Themes and CSS, HTML, **JavaScript**, jQuery, ASP and other internet related technologies.
* **Kernel** **tuning**, Writing **Shell** **scripts** for system maintenance and file management.

**Environment**: *Windows 2003/2008, RHEL, Samba Server, Shell, Perl, Linux, Terminal Services, Oracle, DB2, JBoss.*

**Education:**

Masters in Computer Science from University of Dayton, Ohio.

Bachelors in Computer Science from Osmania University, Hyderabad, India.

**ACADEMIC PAPER:**

**A Systematic Literature Review on Factors that Influence Migration to Cloud Computing**

A conceptual model showing the factors that influence the intention of small, and medium enterprises (SME’s) to adopt cloud computing is developed using Technology Acceptance Model, Technology Environment Organization and Diffusion of Innovation (TAM-TOE-DOI) frameworks.