

 **SAMPATH P**

 **Senior AWS/Azure/DevOps Engineer**

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 **PROFESSIONAL SUMMARY**

* Around 8+ years of experience in IT Professional and 7 years specialization in **Cloud/Azure/DevOps Engineer**, experienced in DevOps, Build/Release Continuous Integration, Continuous Deployment, Configuration Management on each packaging Quality Control and which also includes Trouble shooting and performance issues on Linux and Windows platforms.
* Involved in designing and deploying a large application utilizing almost all the AWS stack (Including **IAM, EC2, S3**, **Route 53**, **ELB**, **Code Commit, Code Build, Code Deploy**, RDS, Glue, Dynamo DB, GCP, SNS, SQS**, Cloud Formation, EBS**) focusing on high-availability, fault tolerance, and auto-scaling in Aws cloud.
* Used **NOSQL** database **Amazon dynamo DB** to store data of reporting Application.
* Cost optimization for Aws services and build Serverless Architecture by using Lambda functions, STEP Function, Athena, Glue, S3, GCP, CloudWatch and Cloud Metrics.
* Expertise in **AWS server less stack** services like AWS Lambda, AWS Fargate, SQS, SNS, EventBridge, Amazon API Gateway.
* Good experience with the **Amazon Event bridge** in configuring the **AWS** resources.
* Experience of designing and architect server less web application using **AWS Lambda, API Gateway**, **DynamoDB** and **security Token service (STS)**
* Experienced in Provisioning of IAAS & PAAS concepts of cloud computing and Implementing using, **Aws**, **Azure**, **Google Cloud Platform** understanding the principles of **(SCM)** in **Agile**, **Scrum** and **Waterfall methodologies.**
* Manage the Windows **Azure** infrastructure for our customers depends on their requirement. Worked on Microsoft **Azure** **Storage** - Storage accounts, blob storage, managed and unmanaged storages. Responsible of web application deployments over cloud services (web and worker roles) on **Azure**, using VS and **PowerShell**.
* Developed Agile processes using Groovy, JUnit to use continuous integration tools Worked for designing and creating a Micro services delivery platform Initiative.
* Worked in container-based technologies like Docker, **Kubernetes** and **OpenShift**.
* Operated on several prototype **OpenShift** projects involving clustered container orchestration and management.
* Introduced to **Golang** while working within a project.
* Strong working knowledge in developing Restful webservices and Micro Services using **Golang**.
* DevOps solution including the functions of build, deploy, automation test control, generating reports and notification services with an end goal of continuous integration in a data center and **GCP**
* Expertise in DevOps**,** Release Engineering, Configuration Management, Cloud Infrastructure Automation tools like **Git**, Bitbucket, **Maven, Jenkins, TeamCity, Chef, Ansible, Terraform, Docker, Kubernetes, Nagios and ELK.**
* Experience in working with Terraform for automating VPC's, ELB's, Security groups, SQS queues, S3 buckets and continuing to replace the infrastructure as a code from scratch.
* Setup automated build, test and release platform using TeamCity, Jenkins pipeline as a code, SonarQube and JFrog Artifactory to be triggered on every code commit.
* Designed and implemented by configuring Topics in new **Kafka** **cluster** in all environment.
* Successfully secured the **Kafka** cluster with **Kerberos.**
* Installed **Kerberos** secured **Kafka** cluster with no encryption on Dev and Prod also set up **Kafka** ACL's into it.
* Implemented **Kafka** Security Features using **SSL** and without **Kerberos**, further with more grain-fines Security I set up Kerberos to have users and groups this will enable more advanced security features.
* Developed in **AWS CLI** script automation for EMR (end-to-end) and other AWS services and build Serverless Arch using **Lambda** (Boto3) and Step Functions.
* Knowledge in load balancing and setting up load balancer and firewall rules in enterprise environment Build scripts on Aws cloud for scheduling EC2 auto scaling load balancer with PYTHON sdk.
* Implementing **CI** (Continuous Integration) Configuring **Jenkins** and TeamCity servers creating required scripts (**Bash shell, Perl & Python**), and creating/configuring VMs (Windows/Linux) also Created Infrastructure report of system configurations using Power Shell Scripts.
* Implemented the application using Spring IOC, **Spring MVC Framework**, **Spring Batch**, **Spring Boot** and handled the security using Spring Security.
* DevOps practice for **Micro Service** anddocker basedclusterusing **Kubernetes** and spinnaker as Orchestrator on application development for cloud platforms using like Spring boot, **Microservices.**
* Experience using **MAVEN** and **ANT** build tools for building of deployable artifacts (jar, war & ear) from source code. Automated weekly releases with **ANT/MAVEN** scripting for Compiling java code dubbing.
* Building/Maintaining Docker container clusters managed by **Aws**, Linux, Bash, GIT, Docker. Utilized Kubernetes kops cluster and Docker for the runtime environment of the **CICD** system to build, test deploy.
* Written cookbooks for Web Logic, JDK 1.7, and Jenkins, tomcat, JBoss and deployment automation for creating **Cookbooks** comprising all resources, data bags, templates, attributes and used **knife** commands to manage Nodes onto **Chef Server.**
* Automated Various infrastructure activities like **Continuous Deployment**, Application Server setup, Stack Monitoring using **Ansible Playbooks** and integrated **Ansible** with Jenkins also provisioned and patched servers using **Ansible.**
* Used monitoring tool like **Dynatrace**, **Splunk, Nagios**, Configured, and Managed Monitoring Tools such as **Nagios** for Resources Monitoring/Network Monitoring/Log Trace Monitoring.

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| **Cloud Environments** | AWS, Azure, Google Cloud (GCP)  |
| **Operating Systems** | Red Hat Linux, CentOS 6 & 7, Ubuntu12.x, 13.x, 14.x, Windows 98, Vista, Windows Server 2003, 2008, 2012, VMware ESX and Mac OS. |
| **Web/ Application Servers** | Apache Tomcat, WebLogic, JBoss 5.x/6.x/7.x, Web Sphere Administration, IIS and Nginix. |
| **Databases** | MySQL, MySQL, Oracle, MySQL, Mongo DB, PostgreSQL, RDS, Elastic ache |
| **Version Control Tools** | Subversion, TFS, GIT, GIT HUB, SVN, Bitbucket. |
| **Configuration Management** | Ansible, Chef, Puppet |
| **CICD Tools** | Cloud Bees Jenkins/Hudson, Team City, Maven, SonarQube, Nexus Artifactory. |
| **Container Tools** | Kubernetes, Docker, OpenShift |
| **Monitoring Tools** | Dynatrace, Grafana, Nagios, Splunk, AWS cloud watch, ELK |
| **Scripting Languages** | Ruby, Python, Golang, groovy, Unix Shell scripting, Node JS, XML, HTML, JAVA, JEE, JavaScript, Angular JS, Power Shell, JSON, YAML, AWS Lambda.  |
| **Bug Tracking & Testing tools** | JIRA, J Unit, J Meter Test Flight, Test Rail, Selenium. |
| **Networking** | TCP/IP, NFS, DNS, VPN, DHCP, WAN, HTTP, LAN, FTP/TFTP, VMware nexus switch, IP Networking, F5 load balancer. |

 **PROFESSIONAL EXPERIENCE**

**Senior Azure/AWS /DevOps Engineer**

**Sacramento District Attorney, Sacramento CA July 2019 - Till date**

**Responsibilities:**

* Administrating and supporting company’s **Azure** **Kubernetes** infrastructure, ensuring it is secure, resilient and performance and responsible for complete **DevOps** activities and coordinating with development team.
* Working as **Kubernetes** **Administrator**, involved in configuration for web apps, **Azure App services, Azure Application insights, Azure Application gateway, Azure DNS, Azure traffic manager, App services**.
* Configured V-net integration, Active directory, Encryption and security on **Azure** using **ARM** templates and **PowerShell** scripts.
* Implemented cloud services IAAS, PAAS, and SaaS which includ**e Openstack, Docker and Openshift.**
* Proficient in **Python**, **Shell Scripting, SQL, build utilities** like open make, ANT and Cruise Control.
* Experience in dynamic orchestration schedulers, including **Kubernetes** or **OpenShift**, Apache Mesos, Docker Swarm, or Hashicorp Nomad in a production environment.
* Diagnosed, troubleshoot, and resolve **Dynatrace** issues.
* Maintained and administer 4 **Dynatrace** systems monitoring 1200 application instances.
* Performed 16 **Dynatrace** upgrades in environments including production.
* Good experience on **Serverless** computing like **AWS Lambda.**
* Build **Dynatrace** dashboards and reports and help teams to build their own dashboards.
* Automated the **Dynatrace** upgrade, agent installation and configuration.
* Experience in **Serverless services** like **AWS** **Lambda** with automatic scaling, built-in high availability, and a pay-for-value billing mode.
* Responsible to configure alert notification to monitor CPU metrics, VM health’s and events logs.
* Used **SAM (Serverless application model**) to deploy serverless applications into AWS environment.
* Worked on **AWS Serverless Application Model** by using the features like **SAM CLI** Command reference, policy templates, **CLI telemetry** permissions
* Good working knowledge of **AWS Serverless Application Model CLI** to integrate with the serverless applications in **AWS infrastructure**.
* Good knowledge on **SAM CLI** commands references like **SAM** build, **SAM** deploy, **SAM** validate.
* Deployed VNETs and site-site VPN using **PowerShell** and deployed VMs into various subnets and enabled communications between subnets.
* Used Java Message Service (**JMS**) for reliable and asynchronous exchange of important information between the clients and the customer.
* Authored persistence layer **JDBC** using Hibernate **API** and Data Models and **Java Bean**.
* For my scripting I’ve worked on Shell **Scripting**/**PowerShell**/**Python** Data Structures & Python Flask.
* Developed **PowerShell** scripts and ARM templates to automate the provisioning and deployment process.
* Successfully created **Kubernetes** pipeline of deployment & operation activities where all code is written in java, **python** & stored into bitbucket, for staging & testing purpose.
* Preferable **Azure** by creating multilevel **hybrid pipeline** of CI & CD helped clients to achieve **Kubernetes** platform.
* Automated various infrastructure activities like Continuous Deployment, Application Server setup, stack monitoring using **Ansible** Playbooks using **Jenkins**.
* Developed **Python** and **shell scripts** for **automation** of the **build and release** process.
* Implemented cluster services using Docker and Azure **Kubernetes** **services** (AKS) to manage local deployments in **Kubernetes** by building a self-hosted Kubernetes cluster using Jenkins CICD pipeline.
* Maintained and automated the scripts by using **Python** for automated deployments.
* Experience in **infrastructure as a code using terraform, cft & Azure ARM templates.**
* Experienced in creating the **infrastructure using Terraform. I have created** the **VPC, Created the IAM Roles, Managing the Identities.**
* Used Lambda functions**, AWS Batch jobs**, **Amazon EC2 instances**, **Amazon** **SNS**, **SQS AWS** resources as targets for **Event Bridge.**
* Drive end to end deployment of various components on the Azure cloud platform.
* Developed **Ansible** playbooks to manage Web Applications, Environments configuration files, Users, Mount, points and packages. Implemented Continuous Integration using Jenkins and GIT.
* Familiar with **helm** **charts** for deployment manager to use of **charts** and templates for listed file names.
* Implemented **Pod** **security** **policies (PSP)** in AKS for required best practices and the ability to control what pods to be controlled, scheduled in AKS cluster prevents some possible security vulnerabilities or privilege Escalations.
* Experienced working in **Istio** installation to enable **Node** to **Node** encryption on Azure Kubernetes service for Security requirement that intercepts all network communication between micro services.
* Implemented **Twist lock** for rule-based access control policy system for Docker and Kubernetes containers to scan monitor events, runtime, vulnerabilities, Compliance for containers, images, Hosts, Registry, **Jenkins** **Jobs**.
* Implemented HTTPS **Ingress** **controller** and use TLS certificate on AKS to provide reverse proxy, configurable traffic routing for individual Kubernetes services.
* Developed various helper classes needed following **Core** **Java** multi-threaded programming and Collection classes.
* Authored persistence layer **JDBC** using **Hibernate API and Data Models and Java Bean.**
* Writing **JavaScript** functions for various validation purposes.
* Implemented **Multithread** concepts in **java** classes to avoid deadlocking.
* Involved in designing and developing of Object-Oriented methodologies using **UML** and created Use Case, Class, Sequence diagrams.
* Used **JDBC** to invoke Stored Procedures and database connectivity.
* Writing **Java** **Beans** to contain data objects. Implemented session beans, entity beans and message driven beans.
* Moved all Kubernetes container logs, application logs, event logs and cluster logs, activity logs and diagnostic logs into Azure Event Hubs and then into **Splunk** for monitoring.
* Daily monitoring production servers using **Grafana** and **Prometheus** which is integrated with **Kubernetes**, exceptions and report to the team if something happen during standups.
* Managing **Azure** **DevOps** build and release pipeline. Setting up new repos managing the permissions for various GIT branches. Deployed **microservices**, including provisioning **AZURE** environment.
* Extended support for existing product teams on how to integrate CICD into development life cycle.
* Gather new requirement with product owner and create tasks in the backlog, help with groom prioritize and estimations. Once in every two weeks perform deployment to production environment.
* Creating JIRA confluence articles for recent development performed, POC and tech designs.

***Environment:*** Azure, Terraform, Jenkins, Kubernetes, Docker, Ansible, Jira, Confluence, PowerShell Windows, IIS, Python, Splunk, Grafana, Prometheus, Twist lock, Istio, Jenkins, git, Ansible.

**AWS/Azure DevOps/SRE Engineer**

**Accenture Federal Services - Richmond, VA Sep 2017 – June 2019**

**Responsibilities:**

* Experience in creating the company's **DevOps** strategy in a mix environment of Linux (RHEL, Ubuntu, CentOS) servers along with creating and implementing a cloud strategy.
* Experience in using Cloud Infrastructure management and Implementation Working experience on various **Azure** services like Compute (Web Roles, Worker Roles), **Azure** Websites. Caching, SQL **Azure**, NoSQL, Storage, Network services, **Azure** Active Directory, Scheduling, Auto Scaling, and Power ShellAutomation.
* Extensive working experience with different **SDLC** methodologies such as **Agile** and **Waterfall** with an ability to be creative and to take self-initiatives to execute/manage multiple projects in parallel during time critical situations.
* Deployed **Azure** **IaaS** Virtual Machines (VM’s) and **PaaS** role instance`s (Cloud Services) into secure VNets and subnets, designed VNets and Subscriptions to confirm to **Azure** Network Limits.
* Represent the SRE organization in design reviews and operational readiness exercises for new and existing services.
* Experience in migrating on-premise data center to **Aws** cloud using VM Import/Export, **Aws** Data Migration Services.
* Maintained the user accounts (IAM), Cloud SQL, Cloud DNS, VPC, **RDB**, Cloud Datastore Cloud Bigtable, **SQS** and **Cloud** **Pub/Sub** services in **Aws**.
* Used **Chef** for configuration management of hosted Instances within **GCP**. Configuring and **Networking** of **Virtual Private Cloud (VPC).**
* Designed and implementing **Aws** Cloud Infrastructure by creating **templates** for **Aws** platform also used **Terraform** to deploy the infrastructure necessary to **create development**, test and **production environments**.
* Configured **Jenkins** as a build engine to build and deploy applications to **DEV**, **QA**, **UAT** and **PROD** environments.
* Configured in setting up **CICD** pipeline integrating various tool with **Cloud Bees** **Jenkins** to build and run **Terraform** script **templates** to create infrastructure in **Azure**.
* Worked on **Power Shell scripts** to automate the **Azure Cloud system** in creation of Resource groups, Web Applications, **Azure Storage Blobs** & Tables, firewall rules and used **Python scripts** to automate day to day administrative tasks.
* Experienced managing release planning and **branching** strategy of GIT servers and worked on creating repositories in **GIT** Stash for multiple applications configured **GIT** repositories in CI setup in Jenkins and Injected **Groovy** scripts in Jenkins for dashboard and customized email triggers.
* Perform periodic on-call duty as part of the SRE team.
* Set-up databases **in GCP using RDS, storage using S3 bucket** and configuring instance backups to S3 bucket.
* Automated Various infrastructure activities like **Continuous Deployment**, Application Server setup, Stack Monitoring using **Ansible Playbooks** and integrated **Ansible** with Jenkins also provisioned and patched servers using **Ansible**.
* Experienced on **Docker** and **Ansible** to build automation pipeline and Continuous Deployment for code using Jenkins and wrote Ansible Playbooks to automate Ansible Servers using **YAML scripting**.
* Experience working with the **OpenShift** Redhat Enterprise which allows developers to quickly develop, host and scale applications in a self-manage cloud environment.
* Build servers using GCP, importing volumes, launching EC2, RDS, creating security groups, auto-scaling, load balancers (ELBs) in the defined virtual private connection.
* Communicate effectively with fellow SREs and other engineering teams and describe problems succinctly with sufficient detail that you can hand-off an ongoing problem to another team or a peer for completion.
* Strategize with fellow SREs and other engineering teams on complex problems and make decisions and recommendations about systems improvements after analyzing possible courses of conduct.
* Used Kubernetes to manage **containerized** applications using its node, Config Maps, selector, services and deployed application container as Pods.
* Building/Maintaining Docker/ Kubernetes container clusters managed by Kubernetes **Linux, Bash, GIT, Docker**, on **GCP**
* Chef, Puppet, Jenkins continuous development, Power shell, PHP, Python, C#, **Java, JavaScript, and Unix/Linux scripting**.
* Administer **Splunk** Software Development Kit for **JavaScript, Python and GCP Cloud Formation templates for Splunk** distributed cluster deployment. Maintain and deploy builds in **UAT and Production environment.**
* Extensively Worked on **Docker** service rolling updates to implement **zero downtime PROD** deployments and worked with **Docker Trusted Registry** as repository for our **Docker** images and worked with **Docker swarm**.
* Deployed windows **Kubernetes** cluster with **Azure Container Service (ACS)** from **Azure CLI** and Utilized **Kubernetes** and **Docker** for runtime environment of the **CICD** system to **build**, **test** and **deploy**.
* Experience working with **chef** Enterprise and **Chef** Opensource, **Chef** DK, **Chef** Workstation **chef** server and client working with the configuration/Deployment tools like **chef** (Knife, recipe, cookbook).
* Integrated **Splunk** Enterprise with **Dynatrace** to monitor the performance of the application, managing **Splunk** Forwarder on centralized deployment server.
* Developed backup and recovery engine for VM backup/recovery using VMware vSphere APIs, **Golang** programming language also Contributed source code in **Golang** to developing an automation framework.
* Configured commercial **SSL** **certificates** for high availability **architecture** applications Servers such as **Web Spheres**, **WebLogic**, **Tomcat** using **NGINX** and **Apache web servers** to terminate **SSL** endpoint.

***Environment:*** Azure, Aws, Kubernetes, Docker, Swarm, Jenkins, Ansible, Jira, GCP, Confluence chef, Git, Git-Hub, Maven, MemSql, PowerShell Windows, Terraform, SRE, JIRA, Apache Tomcat, Shell Script, Python, Linux, Dynatrace, Splunk.

**Sr. DevOps/Cloud Engineer**

**Johnson and Johnson – Piscataway, NJ April 2016 – Sep 2017**

**Responsibilities:**

* Experience in creating the company's **DevOps** strategy in a mix environment of Linux (RHEL, Ubuntu, CentOS) servers along with creating and implementing a cloud strategy.
* Experience in using Cloud Infrastructure management and Implementation Working experience on various **Azure** services like Compute (Web Roles, Worker Roles), **Azure** Websites. Caching, SQL **Azure**, NoSQL, Storage, Network services, **Azure** Active Directory, Scheduling, Auto Scaling, and Power ShellAutomation.
* Extensive working experience with different **SDLC** methodologies such as **Agile** and **Waterfall** with an ability to be creative and to take self-initiatives to execute/manage multiple projects in parallel during time critical situations.
* Deployed **Azure** **IaaS** Virtual Machines (VM’s) and **PaaS** role instance`s (Cloud Services) into secure VNets and subnets, designed VNets and Subscriptions to confirm to **Azure** Network Limits.
* Experience in migrating on-premise data center to **Aws** cloud using VM Import/Export, **Aws** Data Migration Services.
* Maintained the user accounts (IAM), Cloud SQL, Cloud DNS, VPC, **RDB**, Cloud Datastore Cloud Bigtable, **SQS** and **Cloud** **Pub/Sub** services in **Aws**.
* You will drive standardization efforts across multiple disciplines and services in conjunction with embedded SREs throughout the organization.
* You will mentor SREs on standard methodology for everything from monitoring to troubleshooting complex code issues.
* You will represent the SRE organization in design reviews and operational readiness exercises for new and existing services
* Designed and implementing **Aws** Cloud Infrastructure by creating **templates** for **Aws** platform also used **Terraform** to deploy the infrastructure necessary to **create development**, test and **production environments**.
* Configured **Jenkins** as a build engine to build and deploy applications to **DEV**, **QA**, **UAT** and **PROD** environments.
* Configured in setting up **CI/CD** pipeline integrating various tool with **Cloud Bees** **Jenkins** to build and run **Terraform** script **templates** to create infrastructure in **Azure**.
* Worked on **Power Shell scripts** to automate the **Azure Cloud system** in creation of Resource groups, Web Applications, **Azure Storage Blobs** & Tables, firewall rules and used **Python scripts** to automate day to day administrative tasks.
* Experienced managing release planning and **branching** strategy of GIT servers and worked on creating repositories in **GIT** Stash for multiple applications configured **GIT** repositories in CI setup in Jenkins and Injected **Groovy** scripts in Jenkins for dashboard and customized email triggers.
* Automated Various infrastructure activities like **Continuous Deployment**, Application Server setup, Stack Monitoring using **Ansible Playbooks** and integrated **Ansible** with Jenkins also provisioned and patched servers using **Ansible**.
* Experienced on **Docker** and **Ansible** to build automation pipeline and Continuous Deployment for code using Jenkins and wrote Ansible Playbooks to automate Ansible Servers using **YAML scripting**.
* Experience working with the **OpenShift** Redhat Enterprise which allows developers to quickly develop, host and scale applications in a self-manage cloud environment.
* Used Kubernetes to manage **containerized** applications using its node, Config Maps, selector, services and deployed application container as Pods.
* Extensively Worked on **Docker** service rolling updates to implement **zero downtime PROD** deployments and worked with **Docker Trusted Registry** as repository for our **Docker** images and worked with **Docker swarm**.
* Deployed windows **Kubernetes** cluster with **Azure Container Service (ACS)** from **Azure CLI** and Utilized **Kubernetes** and **Docker** for runtime environment of the **CI/CD** system to **build**, **test** and **deploy**.
* Experience working with **chef** Enterprise and **Chef** Opensource, **Chef** DK, **Chef** Workstation **chef** server and client working with the configuration/Deployment tools like **chef** (Knife, recipe, cookbook).
* Integrated **Splunk** Enterprise with **Dynatrace** to monitor the performance of the application, managing **Splunk** Forwarder on centralized deployment server.
* Developed backup and recovery engine for VM backup/recovery using VMware vSphere APIs, **Golang** programming language also Contributed source code in **Golang** to developing an automation framework.
* Configured commercial **SSL** **certificates** for high availability **architecture** applications Servers such as **Web Spheres**, **WebLogic**, **Tomcat** using **NGINX** and **Apache web servers** to terminate **SSL** endpoint.

***Environment:*** Azure, Aws, Kubernetes, Docker, Swarm, Jenkins, Ansible, Jira, Confluence chef, Git, Git-Hub, Maven, MySQL, PowerShell Windows, Terraform, JIRA, SRE, Apache Tomcat, Shell Script, Python, Linux, Dynatrace, Splunk.

**AWS & DevOps Engineer**

**CA Technologies - Islandia, NY (Offshore - Hyderabad) Oct 2013 – Mar 2015**

**Responsibilities:**

* Worked on public cloud infrastructure preferably using **AWS** Product and Services **Ec2**, virtual private cloud **(VPCs), IAM**, **Security** **groups**, **Elastic** **Beanstalk**, **S3**, **VPC**, **CloudFormation**, **RDS**, **Lambda**, **Redshift**, **SQS**, **SNS**, cloud watch and Security Services AWS Shield, AWS Trusted Advisor, cloud front, CloudTrail’s.
* Experienced in working **AWS** **key Management service (KMS)** is a service that help to create and control the encryption keys used to encrypt data.
* Provisioned EC2 instances into **AWS** by using **Terraform** scripts from scratch to pull images from Docker and performed AWS **S3 buckets** creation, policies on IAM role-based policies and customizing the **JSON** template.
* Experienced in Performed back-ups, scan states and load states of user's profile during the **Azure** migration process.
* Implemented various resources in **Azure** using **Azure** portal, PowerShell on **Azure** Resources Manager deployment models. Experience deploying infrastructure as code applications using ARM Templates (**JSON**).
* Deployed the code and provisioning the cloud Environments cloud tool like **VSTS** and **Microservice.**
* Performed regular Cron jobs updates and Configured **Jenkins** to implement nightly builds on daily basis and generated change log that include changes happened from last 24hours.
* Defined dependencies and plugins in **Maven** **(Pom.xml)** **Java** files for various activities and integrated Maven with **GIT** to manage and deploy project related tags and administrated **Artifactory** repository.
* Used **Ansible** inventories to define groups of hosts using **Ansible** templates to create customized files.
* Orchestration of **Docker** images and Containers using **Kubernetes** by creating whole master and node.
* Created, maintained and automated the scripts by using **Groovy**, **BASH**, **PYTHON** and **RUBY.**
* Involved in leading Automation Deployment team by working with **Puppet** and developed/managed **Puppet** manifest for automated deployment to various servers.
* Installed, developed and implemented Linux infrastructure, and managed **Puppet Master**, Agents & Databases.
* Maintained the monitoring and alerting of production and corporate servers using **Cloud** **Watch** service and Site 24x7/Nagios and used **CloudTrail’s** to track.
* Created Log collection in **ELK** (Elastic Search, Logstash) installed on all nodes in cluster to send log data.
* Created and deployed web interfaces reporting on multi-platform automated builds and test suites (**TFS build reporting, SharePoint Server, Cruise Control and IIS**) experience using **Agile Scrum methodology**.
* Experience in knowledge of DB mirroring in **SQL** server and fail over clustering on high availability **SQL server** also responsible for SQL server edition upgrades and SQL server patch management.
* Review firewall policies on regular basis for compliance and ensure to follow best practice for firewall deployments using security Management tools.
* Troubleshooting Network, memory, Swap and File system issues**, TCP/IP, NFS, DNS** and **SMTP** in Linux Servers.

***Environment:*** Aws, Azure, Redshift, GIT, Hudson, Jenkins, TFS, WebSphere, WebLogic, JBOSS, Apache, TOMCAT web services, Docker, EC2, S3, RDS, EBS, auto scaling, Opsworks, Kubernetes, Ansible, Puppet, Nagios, Jira, VMware Bash, Python and Ruby, Unix/Linux, Windows, RHEL 4/5/6, CentOS.

**Unix/Linux Administrator**

**Kantar Operations, Hyderabad, India April 2012 – Sep 2013**

**Responsibilities:**

* Installed and configured **SSH server** on Red hat/CentOS Linux environments**.** Managed VMs for Solaris x86 and Linux on VMware ESX 3.5 and administering them with VI Client.
* Involved in implementing and Administrating enterprise level data backups and Data Recovery.
* Maintained maximum uptime and maximum performance capacity for Enterprise **Production**, **QA**, and **UAT**/Staging.
* Configuring network services such as **DNS/NFS/NIS/NTP for UNIX/Linux Servers.** Accomplished User administration of UNIX / Linux account using SeOS.
* Automated tasks using Korn, Bash **Shell** **scripts**.
* Used Patch management using native commands on Linux and following the chance control procedures.

***Environment:*** RedHat Linux 3/4, VERITAS Cluster Server 5.0, VERITAS Net backup 6.5, VM Ware ESX 3.5, Virtual Center 2.5, Unix, Apache 2.2.x, Web Server 7, WebLogic 10, Solaris 9/10, KSH, bash, Oracle 10g.

**Education:** BACHELOR’S IN COMPUTER SCIENCE from JNTUH in 2012.

 MASTER’S IN INFORMATION SYSTEMS SECURITY UNIVERSITY OF THE CUMBERLANDS 2019