**Kranthi. S**

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**Sr. Cloud/DevOps Engineer**

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**PROFESSIONAL SUMMARY:**

**Over 8+ years of experience in the IT industry as a Cloud/DevOps Engineer with a major focus in the areas of Cloud Infrastructure Providers, Data Center Migration, Containerization Technologies, Configuration Management, Virtualization technologies using different tools and cloud services like AWS, Azure and GCP.**

* Responsible for automating infrastructure provisioning and configuration using tools such as Terraform, CloudFormation, Ansible.
* Responsible for developing and maintaining Terraform scripts, modules, and configurations to define and manage cloud infrastructure, including compute instances, storage resources, networking components, and other cloud services.
* Involved in writing Terraform code to define the desired state of infrastructure and using Terraform commands to create, modify, and destroy cloud resources as needed.
* Used Terraform to automate the deployment and provisioning of infrastructure across different cloud platforms such as AWS, Azure, as well as on-premises data centers.
* Responsible for orchestrating complex deployments involving multiple resources and services, managing dependencies, and ensuring consistent deployments across environments using Terraform.
* Responsible for developing and maintaining Kubernetes manifests, Helm charts, and other Kubernetes resources to define and manage the application deployment, scaling, and management.
* Involved writing Kubernetes YAML files to define the desired state of the application, using kubectl or other Kubernetes tools to create, modify, and delete Kubernetes resources.
* Used Kubernetes to automate the deployment and scaling of containerized applications across different environments, such as development, testing, staging, and production.
* Implemented monitoring and management solutions for applications deployed using Kubernetes, such as logging, alerting, and performance monitoring, troubleshoot and resolve issues related to Kubernetes deployments, application configuration, and resource provisioning, ensuring the stability and availability of applications.
* Good Experience of implementation with installation and configuration of Kubernetes, clustering them and managed local deployments in Kubernetes and providing consistent environment using Kubernetes for deployment scaling and load balancing to the application from development through production.
* Used Groovy for scripting tasks in DevOps, such as automating the build and deployment process, creating custom scripts to monitor and manage servers, and creating scripts to integrate different systems.
* Responsible for writing Groovy code to automate the compilation, packaging, testing, and deployment of software applications.
* Expertise in AWS cloud provisioning and managing services like EC2, S3, Glacier, Load Balancers, VPC, AMI, SNS, RDS, IAM, CloudWatch, CloudTrail, CloudFormation, ECR, Elastic Kubernetes Service (EKS), Lambda, AWS Beanstalk.
* Setting up and managing EKS clusters, including configuring networking, security, and authentication or authorization using features such as Amazon VPC, AWS Identity and Access Management (IAM).
* Responsible for designing, building, and managing cloud infrastructure on platforms such as AWS, Azure which includes provisioning and configuring virtual machines, containers, databases, storage, networking, and other cloud resources.
* Experience in architecting and Configuring public/private cloud infrastructures utilizing Amazon Web Services (AWS) including EC2, Elastic Load-balancers, ECS, EKS, S3, RDS, Dynamo DB, VPC, Direct-Connect, Route53, Cloud Watch, Kinesis, Cloud Formation, IAM.
* Responsible to create and maintain CI/CD pipelines to enable automated building, testing, and deployment of software applications and services on cloud platforms which involve tools such as Jenkins, Azure Devops, GitHub actions, or AWS CodePipeline, Teamcity, Bamboo.
* Transfer data from Datacenters to cloud using AWS Import/Export Snowball service and Azure Data Factory in Azure.
* Expertise in provisioning of resources from multiple cloud service providers such as AWS, Azure using tools such as Terraform, Ansible, Puppet, Chef.
* Worked on Container management using Docker by writing Docker files and set up the automated build on Docker, installing and configuring Kubernetes.
* Responsible for designing, configuring, and deploying API Gateway solutions that can handle high traffic loads and provide secure access to backend services.
* Responsible for monitoring the performance of the API Gateway and troubleshoot any issues that arise, such as service outages or slow response times.
* Experience working with several Azure services such as Azure Virtual Machines, Azure Virtual Machine Scale Sets, Azure Container Instances, Azure Kubernetes Service (AKS), Azure Container Registry (AKS), Azure Batch, Azure Functions, Azure Logic Apps, Azure Blob Storage, Azure Data Lake Storage, Azure Virtual Network (VNet), Azure Load Balancer, Azure Application Gateway, Azure VPN Gateway, Azure SQL Database, Azure Cosmos DB, Azure Database for MySQL, Azure Database for PostgreSQL, Azure Active Directory (Azure AD).
* Setting up and managing AKS clusters, including configuring networking, security, and authentication or authorization using features such as Azure Virtual Network (VNet), Azure Active Directory (Azure AD).
* Experience in Windows/ Linux Administration (Installation, Configuration and Upgrades of Linux (RedHat, Centos, Ubuntu etc.
* **Designing and implementing container orchestration systems with Docker, Docker Swarm Kubernetes and OpenShift.**
* Developed scripts for build, deployment, maintenance, and related tasks using Jenkins, Docker, Maven, and Python.
* Well versed in using Azure Infrastructure as a Service (IaaS), Provisioning VMs, Virtual Networks, Deploying Web Apps, Microsoft SQL Server, using ARM Templates, and Azure DevOps CI/CD pipelines.
* Experienced in building and maintaining Docker infrastructure for SOA applications in agile environment.
* Excelled on creating AMI that utilizes ELB (Elastic Load Balancer) and Auto Scaling that Auto Scaling fired up new resources those will by default bootstrapped with the Ansible Server.
* Used Ansible as Configuration management tool, to automate repetitive tasks, quickly deploy critical applications, and proactively manage changes.
* Involved in installing New Relic monitoring and Splunk services on Unix servers.
* Performed Continuous Delivery in a Microservice infrastructure with AWS and Azure, Docker, and Kubernetes.
* Extensive experience using Maven, Ant as a build tool for the building of deployable artifacts (war & jar) from source code.
* Setting up and configuring Prometheus, Grafana in a scalable and highly available manner, deploying them on virtual machines, containers, or as managed services, depending on the environment and requirements.

**TECHNICAL SKILLS:**

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| --- | --- |
| AWS Services | RDS, EC2, VPC, IAM, Cloud Formation, EBS, S3, ELB, Auto Scaling, Cloud Trial, SQS, SNS, EKS, ECR, Cloud Watch, AWS Beanstalk. |
| Cloud Platforms | Azure, AWS,GCP. |
| Azure Services | App Services, Key vault, function app, Blob storage, Azure Active Directory (Azure AD), Service Bus, Azure Container Registry (ACR) and Azure Kubernetes service (AKS), Azure SQL, Azure Cosmos DB, Azure App Service. |
| Version Control Tools | GIT, TFS. |
| CI/CD | Jenkins, Azure Pipelines, GitHub Actions, Teamcity, Bamboo |
| Configuration | Ansible, Chef, Terraform. |
| Container Platforms | Docker, Kubernetes, OpenShift. |
| Monitoring Tools | New Relic, Splunk, Grafana, Promotheus |
| Languages | Python, Shell scripting. |
| Artifactory | Jfrog and Nexus |
| Web Servers/Application Server | Nginx, IIS, Tomcat |
| Documentation | Confluence |
| Operating Systems | Microsoft Windows XP/ 2000, Linux, UNIX. |

**PROFESSIONAL EXPERIENCE:**

**Client: Aqua America, Pennsylvania, U.S. A. September 2022 – Current.**

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

**Responsibilities:**

* Responsible for designing and implementation of the DevOps solution using tools like Git, Jenkins, SonarQube, Nexus, Ansible Automation, Shell scripting and AWS.
* Coordinate with the Development, Database Administration, QA, and IT Operations teams to ensure there are no resource conflicts.
* Continuously managed and improved the build infrastructure for global software development engineering teams including implementation of build scripts, CI/CD, infrastructure, and deployment tools.
* Configured and maintained user accounts for dev, QA, and production teams and created roles for EC2, RDS, S3, CloudWatch, EBS resources to communicate with each other using IAM.
* Developed Terraform templates to create load balancers (ELB), EC2 instances with auto scaling, monitoring for different environments such as Dev, TST, QA, staging and production.
* Hands on experience on Terraform a tool for building, changing, and versioning infrastructure safely and efficiently.
* Worked on Terraform for automating VPCs, ELBs, security groups, SQS queues, S3 buckets and continuing to replace the rest of our infrastructure and migration from traditional to cloud environment.
* Worked on Docker-Hub, creating Docker images and handling multiple images for domain configurations and installations. Handled several Docker components like Docker Engine, Docker Compose, Docker Registry and Orchestration tools such as Kubernetes.
* Responsible for monitoring the health and performance of Informatica deployments, which involves setting up monitoring tools, configuring alerts, and responding to incidents related to Informatica components. I will be responsible for troubleshooting deployment issues, identify bottlenecks, and implement optimizations to ensure optimal performance.
* Responsible for work closely with security teams to ensure that Informatica deployments comply with organizational security standards and best practices, which includes implementing access controls, encryption mechanisms, and securing sensitive data processed by Informatica.
* Worked on Kubernetes to manage containerized applications using its nodes, selectors, services, and deployed application containers as pods.
* Responsible for managing the EKS clusters, including creating, configuring, and maintaining Kubernetes clusters on AWS using EKS which involve tasks such as setting up and managing worker nodes, scaling the cluster, monitoring, and troubleshooting cluster performance, and applying updates and patches.
* Responsible for defining and managing the EKS infrastructure as code (IaC) using tools such as AWS CloudFormation or Terraform which include creating and managing EKS clusters, VPCs, subnets, load balancers, and other networking components required for EKS.
* Responsible for defining and configuring testing and quality assurance steps within Harness. This includes integrating with testing frameworks, defining test cases and suites, and configuring automated testing tasks.
* Responsible for setting up and managing CI /CD pipelines for deploying containerized applications to EKS clusters which involve using tools such as Jenkins, GitLab, or AWS CodePipeline to automate the build, test, and deployment processes, and integrating them with EKS for seamless application deployments.
* **Developed microservice on boarding tools leveraging Python and Jenkins allowing for easy creation and maintenance of build jobs and Kubernetes deploy and services.**
* **Responsible for managing configuration files and environments for Golang applications.**
* **Responsible for working closely with development teams, system administrators, and other stakeholders to ensure smooth deployment and operation of Golang applications.**
* Set up preconfigured RHEL5.x and 6.x on local and in the cloud on AWS EC2 and defined AWS Security Groups which acted as virtual firewalls that controlled the traffic allowed to reach one or more AWS EC2 instances.
* Experience working on several AWS services such as EC2, S3, Glacier, Load Balancers, VPC, AMI, SNS, RDS, IAM, CloudWatch, CloudTrail, CloudFormation, ECR, EKS, Lambda, AWS Beanstalk.
* Responsible for automating infrastructure provisioning, configuration, and management using Ansible and/or Chef which involve writing playbooks (in Ansible) or recipes/cookbooks (in Chef) to automate tasks such as provisioning virtual machines, configuring network components, setting up storage, and managing other infrastructure resources.
* Used AWS Route53, to route the traffic between different availability zones. Deployed and supported Mem-cache/AWS Elastic-Cache and then Configured Elastic Load Balancing (ELB) for routing traffic between zones.
* Working closely with Snowflake Data Warehousing Solution loading activity on Full Refresh and incremental loads from SQL and Oracle Databases and resolving loading issues and tuning the loader for optimal performance.
* Configured CI/CD pipeline in Jenkins to implement Continuous Integration and Continuous Delivery process, accommodate software teams with compilation and artifact deployment requests in an AWS cloud environment.
* Responsible for collaborating with architects, developers, and stakeholders to design CloudFormation templates that meet the requirements of your applications and infrastructure. This includes understanding the architectural design, identifying the necessary resources, defining dependencies, and configuring parameters and variables.
* Worked on Multiple AWS instances, set the security groups, Elastic Load Balancer (ELB) and AMIs, Auto-scaling to design cost effective, fault tolerant and highly available systems.
* Worked on NoSQL database Dynamo DB to process large data documents.
* Migrated the production SQL server schema to the new AWS RDS Aurora instance. Wrote SQL queries and worked on administration for optimizing and increasing the performance of database.
* Developing Docker images to support Development and Testing Teams and their pipelines; distributed Jenkins, Selenium and JMeter images, and Elastic search, Kibana and Log stash (ELK & EFK) etc.
* Installed Docker Registry for local upload and download of Docker images by using ECR.
* Migrated Container Workloads from Red Hat Open Shift Container Platform to EKS.
* Used JIRA, Confluence for bug tracking, creating the dashboard for issues.
* Carried automated Deployments and builds on various environments using continuous integration (CI) tool Jenkins.
* Used Git for source code version control and integrated with Jenkins for CI/CD pipeline, code quality tracking and user management with build tools Maven and Ant.
* Deployed Ansible/Terraform for configuration management to existing infrastructure.
* YAML, Java Script and XML for automating tasks.

**Client: Zoetis, New Jersey, U.S.A. January 2022 – August 2022.**

***Role: Cloud DevOps Engineer***

**Responsibilities:**

* Creating and maintaining containerized micro services and configuring/maintaining private container registry on Microsoft Azure for Hosting Images and using Windows Active Directory.
* Migrated On-Prem .NET Applications running in On-Prem IIS Web Server to Azure App Service, later we have containerized all our applications and deployed them to AKS Clusters
* Creating and deploying to Kubernetes (K8s) cluster with Terraform and setup RBAC Policies.
* Responsible for ensuring the security of the API Gateway and its underlying services, including access controls, authentication, and encryption.
* Responsible for creating and maintaining documentation for the API Gateway infrastructure and processes, including installation, configuration, and troubleshooting guides.
* Responsible for working closely with developers and other stakeholders to understand their needs and requirements and help them to integrate their applications with the API Gateway.
* Responsible to use Groovy-based frameworks like the Jenkins Pipeline or Gradle to define infrastructure configurations and provisioning scripts, enabling the automated creation and management of infrastructure resources.
* Responsible for writing Groovy scripts to manage and automate the configuration of servers, network devices, or other infrastructure components.
* Designed and developed Continuous Integration & Continuous Delivery pipelines using Code Pipeline, Code Build and Code Deploy plugins in Jenkins. Developed Jenkins file and automated the Jenkins pipeline using pipeline Groovy script for the applications.
* Responsible for developing and maintaining infrastructure automation scripts and tools using Golang.
* Responsible for setting up CI/CD pipelines for Golang applications, including building, testing, and deploying code changes.
* Responsible for implementing monitoring and logging solutions to ensure the availability and performance of Golang applications.
* Responsible for setting up and configuring TeamCity servers, agents, and build agents based on the requirements of our development environment. This includes installing and upgrading TeamCity, configuring build runners, integrating with version control systems, and managing the overall infrastructure.
* Responsible for creating and managing build configurations, defining build steps, and ensure that the builds are triggered automatically upon code commits and designing and implementing automated build processes using TeamCity.
* Responsible for setting up and configuring Harness for our organization. This involves installing and configuring the Harness platform, connecting it to your infrastructure and deployment targets, and integrating it with other tools in your DevOps toolchain.
* Responsible for writing and maintaining CloudFormation templates to define and provision AWS infrastructure resources. These templates describe the desired state of your infrastructure, including compute instances, networking configurations, security groups, storage, and more.
* Responsible for setting up the necessary infrastructure and environment for Informatica deployments, which includes configuring servers, databases, and networking components required for the Informatica platform to function.
* Responsible for developing and maintain deployment automation scripts and tools to facilitate seamless and efficient deployment of Informatica components, which involves using configuration management tools like Ansible, Chef, or Puppet to automate the installation and configuration of Informatica software.
* Responsible for establishing and maintain CI/CD pipelines for Informatica deployments, which involves integrating Informatica deployment processes into existing CI/CD workflows, enabling automated testing, code reviews, and version control for Informatica artifacts.
* Managed Azure Container Registry to store private Docker images, which are deployed and Azure pipelines to build, test, and deployments. Azure Monitor to collect metrics and logs. Configured Monitor to track performance and maintain security, and used Splunk tool to collect metrics, queries.
* Worked on Serverless services, created and configured HTTP Triggers in the Azure Functions with application insights for monitoring and performing Scanning and E2E Test Cases in Azure DevOps Pipelines.
* Implemented a CI/CD pipeline using Azure DevOps in both cloud and on-premises with GIT, MS Build, Docker, Maven, also used Jenkins Pipelines for CI/CD.
* Hands on experience on using Terraform along with packer to create custom machine images and automation tools like Ansible to install software's after the infrastructure is provisioned.
* Worked with Terraform for automating VNET, Azure VM, App Service, Azure Front Door, security groups, Service Bus, Blob Storage by using Terraform Modules.
* Integrated AKS Cluster with Prometheus and Grafana to capture metrics and build visualization dashboards.
* Created Ansible roles in YAML and defined tasks, variables, files, handlers, and templates. configured the Ansible files for parallel deployment in Ansible for automating the Continuous delivery process and used Ansible for configuring and managing multi-node configuration management over SSH and PowerShell.
* Creating and managing the infrastructure for Azure Databricks using Infrastructure as Code (IaC) tools, such as Azure Resource Manager (ARM) templates, Azure Bicep, or Terraform, to automate the provisioning and configuration of Azure Databricks workspaces, clusters, and other resources.
* Setting up and managing Azure Databricks clusters, including configuring the cluster size, performance settings, and networking, and monitoring their health and performance.
* Implementing and managing CI/CD pipelines for Azure Databricks notebooks, libraries, and jobs, using tools such as Azure DevOps, Azure Blob storage, and Azure Databricks REST API, to automate the build, test, and deployment processes.
* Implementing and managing monitoring and logging solutions for Azure Databricks, using tools such as Azure Monitor, Azure Log Analytics, or third-party monitoring tools, to monitor the health, performance, and usage of Azure Databricks workspaces, clusters, and jobs.
* Worked with Docker and Kubernetes on multiple cloud providers, from helping developers build and containerize their application (CI/CD) to deploying either on public or private cloud.
* Created, managed, and performed container-based deployments using Docker images containing Middleware and Applications together and Evaluated Kubernetes for Docker container orchestration.
* Utilized Kubernetes and Docker for the runtime environment for the Continuous Integration/Continuous Deployment system to build, test, and deploy. Created Jenkins jobs/ADO Pipelines to deploy applications to Kubernetes Clusters.
* Worked on creating the Docker containers, Docker images, tagging and pushing the images and Docker consoles for managing the application life cycle and Deployed containers to AKS Cluster.
* Used Jenkins and pipelines to drive all micro services builds out to the Docker registry and then deployed to Kubernetes.
* Integrated GIT into Jenkins to automate the code check-out process used Jenkins for automating Builds and Automating Deployments.
* Tested Splunk search strings & operational strings and used it as resource monitoring tool. Worked with administrators to ensure Splunk is actively and accurately running and monitoring on the current infrastructure implementation.
* Excellent hands-on experience working with monitoring tools such as Nagios, Splunk, ELK and working with load balancing, Integrating, and monitoring with Nagios and Splunk also checking the health of applications.
* Developed PowerShell script to fetch necessary information from webpages according to the requirement and to automate routine tasks when applicable.

***Client:* Albertsons, Dallas, TX, USA. *March 2019 – December 2021.***

**Role: Sr. DevOps Engineer**

**Responsibilities:**

* Creating and maintaining a fully automated CI/CD pipeline for GCP-based applications, using tools like Jenkins, Git, and Docker.
* Setting up and configuring GCP services like Compute Engine, Kubernetes Engine, Cloud Storage, and Cloud SQL, and integrating them into the CI/CD pipeline.
* Developing and implementing infrastructure as code (IaC) using tools like Terraform and Cloud Deployment Manager to automate the deployment and scaling of GCP resources.
* Implementing best practices for monitoring and logging GCP services using tools like Stack driver and Cloud Logging, to ensure the health and performance of GCP-based applications.
* Implemented Varnish Cache for High-Performance Java Web Applications and Successfully integrated and configured Varnish cache to accelerate web application performance and reduce response times for end-users.
* Responsible for deploying and managing Kafka clusters across different environments, including production, staging, and development. This involves setting up Kafka brokers, ZooKeeper nodes, and other components required for a Kafka cluster.
* Working and managing on several GCP components like Google instances, MIG’s, Big Query, Storage, Container Registry, Dataflow, Pub/Sub, cloud scheduler, Cloud functions, logging, Big Query and GKE in Google Cloud Platform.
* Responsible for designing and deploying Kafka clusters on Azure, configuring the necessary resources such as virtual machines, storage, and networking components.
* Ensuring the security and compliance of GCP-based applications, implementing security controls like encryption, access controls, and firewalls.
* Responsible for monitoring the health of Kafka clusters, identifying, and resolving performance issues, and optimizing the overall performance of the Kafka deployment.
* Responsible for managing and scaling Kafka clusters, ensuring high availability and reliability of data streams, and integrating Kafka with other systems in the technology stack.
* Automated Deployment with CI/CD: Integrated Varnish cache setup into CI/CD pipelines, automating the deployment and configuration process for consistency and reproducibility.
* Configured Varnish cache in a high-availability setup, using load balancers or Varnish instances in front of web servers to ensure seamless failover and uninterrupted caching.
* Collaborating with development teams to troubleshoot and resolve issues related to GCP-based applications.
* Managed servers on the Microsoft Azure Platform GCP Virtual Machines instances using Ansible Configuration Management and created Ansible Playbooks, tasks, and roles to automate system operations.
* Hands on experience on using Terraform for infrastructure provisioning.
* Worked with Terraform for automating VNET, NSG, AKS, ACR, VMs, and Storage accounts to replace the rest of our infrastructure.
* Designed and implemented CI/CD pipeline for Azure app services and responsible for monitoring the performance and availability of Azure App Services and troubleshooting any issues that arise.
* Extended working knowledge in azure networking services, Configured VNETs and subnets as per the project requirement. created and maintained NSG rules.
* Created Ansible roles in YAML and defined tasks, variables, files, handlers, and templates.
* Automated the provisioning and management of Apigee infrastructure using tools like Terraform or Ansible
* implemented security practices in Apigee, such as OAuth, JWT, and API key management.
* Managed Vault server (Consul) to manage secrets, token, certificates, and secure files on GCP.
* Extensive experience in migrating on-premises applications to Azure and configured VNETs and subnets as per the project requirement and performed PowerShell scripting to do Patching, Imaging, and Deployments in Azure.
* Building/Maintaining Docker container clusters managed by Kubernetes Linux, Bash, GIT, and Docker, on GCP (Google Cloud Platform).
* Worked with Terraform scripts to automate the Azure Iaas virtual machines using terraform modules and deployed virtual machine scale sets in production environment.
* Developed and maintained Continuous Integration (CI) using tools in Azure DevOps (VSTS) spanning multiple environments, enabling teams to safely deploy code in Azure Kubernetes Services (AKS) using YAML scripts and HELM charts.
* Monitoring and troubleshooting Kubernetes clusters using Prometheus and Grafana.

***Client:* Truck Stop, New Plymouth, Idaho, USA. *June 2018 – February 2019.***

***Role: DevOps Engineer***

**Responsibilities:**

* Experience in Software Integration, Configuration, building, automating, managing, and releasing code from one environment to another environment and deploying to servers.
* Worked in AWS environment, instrumental in utilizing Compute Services (EC2, ELB), Storage Services (S3, Glacier, Block Storage, Lifecycle Management policies), Cloud Formation, Lambda, VPC, RDS and Cloud Watch.
* Migrated Linux environment to AWS by creating and executing a migration plan, deployed EC2 instances in VPC, configured security groups &NACL's, attached profiles and roles using AWS Cloud Formation templates.
* Used Amazon Route53 to manage DNS zones globally & to give public DNS names to ELB's and Cloud Front for Content Delivery
* Experience in implementing AWS lambda to run servers without managing them and to trigger run code by S3 and SNS.
* Responsible for Continuous Integration (CI) and Continuous Delivery (CD) process implementation using Jenkins along with PowerShell to automate routine jobs.
* Developed shell scripts for automation of the build and release process, developed Custom Scripts to monitor repositories, Server storage.
* Created Ansible playbooks to automatically install packages from a repository, to change the configuration of remotely configured machines and to deploy new builds and various automation purpose, file copy, permission changes, configuration changes, path specific folder creation.
* Used Ticketing tool JIRA to track defects and changes for change management, monitoring tools like New Relic and CloudWatch in different work environments in real and container workspace.
* Design enterprise patterns that are repeatable and consistent with regards to deployment and configuration of their respective systems. Patterns must encompass pre-production testing, performance tuning, technical hand off documentation and environment validation.

**Client: Brisk Solutions, Hyderabad, India. January 2017 – May 2018.**

***Role: Build & Release Engineer***

***Responsibilities*:**

* Created and maintained user accounts in Red Hat Enterprise Linux (RHEL)and other operating systems.
* Troubleshooting and maintaining of TCP/IP, Apache HTTP/HTTPS, SMTP and DNS applications.
* Configuration of NIS, DNS, NFS, SAMBA, SENDMAIL, LDAP, TCP/IP, Send Mail, FTP, Remote access Apache Services on Linux &Unix Environment.
* Migrated different projects from Perforce to SVN.
* Performing NIC bonding on Linux Systems for redundancy.
* Diagnosed and resolved problems associated with DNS, DHCP, VPN, NFS, and Apache.
* Created Bash/shell scripts to monitor system resources and system maintenance.
* Create and Update Documentation for current Patching process. Coordinate with Lines of Business to schedule patching.
* Installed, tested, and deployed monitoring solutions with Splunk services.
* Resolved configuration-based issues in coordination with infrastructure support teams.
* Maintained and managed assigned systems, Splunk related issues and administrators.
* Skilled in deploying, configuring, and administering Splunk clusters.
* Installed and configured servers using Red Hat Linux Kick Start method.
* Created Linux Virtual Machines using VMware Virtual Center, creating VM Templates, and troubleshooting all Virtualization related issues.
* Expertise in remote access and application virtualization technologies such as XEN, VMware, ESX, ESXI, etc. on Linux.
* Coordinating with 24 x 7 on-call support personnel in debugging.
* Created Ansible Playbooks to Manage multiple Host nodes to install/upgrade infrastructure.

**Client: NGR Enterprises, Hyderabad, India. August 2015 – December 2016.**

***Role: System Linux Administrator***

***Responsibilities:***

* Involved in design, configuration, installation, implementation, management, maintenance, and support for the Corporate Linux servers RHEL 4.x, 5.x, SLES 9, CENTOS 5.x.
* Installation, integration, and management of data backup/recovery solutions. Management and configuration of VM Ware virtual machines running Oracle/Sun Solaris X86/64, Red Hat Enterprise.
* Installed, configured, and administered Web Servers like Apache HTTP Server, Apache Tomcat and Sun One Web Server for Web Logic plug-ins.
* Implemented modules in SOA platform to support various integration styles which includes SOAP, REST, and XML over HTTP and JSON.
* Installed new / existing servers and configured services, settings, directories, storage, etc...in accordance with project/operational requirements.
* Manages Patches configuration, version control, service pack and reviews connectivity issues regarding security problems.
* Extensive experience in User Administration with creating users, groups, and giving permissions Created and maintained user accounts, profiles, security rights, disk space and process monitoring, e.g., reset password and unlock locked user account.
* Handled the VMware solutions to support multiple storage connectivity options such as FC-SAN, iSCSI, NFS (NAS) and internal storage. Installed, configured, and maintained the Linux servers and workstations.