**Sri Chowdary Jasti**

**Professional Summary**

8+ years of experience in the field of IT with focus on DevOps, Cloud, Linux, Unix, Continuous Integration, Configuration Management, Build, Deploy and Release management, Waterfall, Agile, Scrum methodologies, VMware with concentration on various automation tools to oversee the end-to-end SDLC process.

* Experience and in-depth level of understanding in the strategy and practical implementation of AWS Cloud- Specific technologies including EC2, EBS, S3, VPC, VPN, RDS, SES, ELB, EMR, ECS, Cloud Front, Cloud Formation, Elastic Cache, Cloud Watch, RedShift, Lambda, SNS, Dynamo DB, AWSCONFIG, VMWARE, Cloud Foundation.
* Experienced in providing cloud Infrastructure using Microsoft Azure. Worked on creating Virtual Private Networks (VPN), Virtual Machines (VM) and using Azure services like Blobs, Tables, Message queues. Provisioned Azure resources like SQL Database, Function App, Redis cache, NSG, private end points, VM.
* Set up a GCP Firewall rules to allow or deny traffic to and from the VM's instances based on specified configuration and used GCP cloud CDN to deliver content from GCP cache locations drastically improving user experience and latency. Created Clusters in Google Cloud and managed them using Kubernetes.
* Writing Terraform modules for automation and created VPC-VPN connections from data center to Prod environment and Cross account VPC Peering. And launching EC2 instances through Terraform.
* Experience on performing tasks like Branching, Tagging, and Release Activities on Version Control Tools like SVN, GIT. Expertise in implementing DevOps culture through continuous integration / continuous deployment tools like Jenkins, Code Pipeline, Maven, and configuration management tools like Chef, Ansible and Puppet.
* Responsible for the development and maintenance of processes and associated scripts/tools for automated build, testing and deployment of the products to various developments using various tools.
* Implemented CI/CD using various CI tools including Azure DevOps, Jenkins, Hudson, Bamboo, and Sonatype.
* Experienced in configuring and setting up Jenkins with plugins to implement (CI/CD) pipeline. Integrated DevOps tools like AWS, Git, Maven, Ansible, Docker and application servers onto pipeline in Jenkins.
* Installed and configured Ansible and created Ansible Roles and playbooks for provisioning the instances, creating subnets, and installing packages. Also worked on Ansible Tower for deployments.
* Implementing various resources in Azure using Azure Portal, experience deploying infrastructure as a Code applications using JSON, configure diagnostics, monitoring and analytics on azure platform and investigating the diagnostic logs to find unidentified issues and diagnose the root cause of the issue.
* Experience in Working on Chef with Knife commands to manage Nodes, Cookbooks, Chef Recipes, Chef attributes, Chef Templates and extensively used Ruby scripting on Chef Automation for creating cookbooks.
* Good knowledge on Puppet configuration management tool which includes installing Puppet master, agents and writing manifests from scratch and pushing them to agents for several POCs.
* Experienced with containerization and its tools like Docker, Kubernetes. Automated building Docker-images with Dockerfile by adding dependency layers to the images available on Docker Hub.
* Worked on Kubernetes to orchestrate Docker containers of new and existing applications as well as deployment and management of complex run time environment. Experienced in monitoring Kubernetes object health using health probes. Also worked on creating and scaling objects based on the health of Kubernetes objects.
* Implemented Microservices on RedHat OpenShift based on Kubernetes, and Docker to achieve Continuous Delivery. Extensive knowledge of Linux including Red Hat Enterprise Linux and CentOS.
* Experienced in database technology such SQL, MySQL including NoSQL databases like MongoDB.
* Configured Splunk to monitor applications deployed on server through analyzing the server log files and application. Worked on setup of various dashboards, reports, and alerts in Splunk, ELK, DataDog, AppDynamics.
* Set up and maintained Logging and Monitoring subsystems using tools like; Elasticsearch, Kibana, Prometheus, Grafana, NewRelic, and Alertmanager. Established infrastructure and service monitoring using Prometheus and Grafana.
* Worked with Nagios, AWS CloudWatch to monitor network infrastructure to track and analyze real time performance, metrics, and traffic of resources on cloud. And also checking alerts and provides notifications.
* Ability to write deployment, build scripts and automated solutions using scripting languages such as Bash/Shell, Ruby, Power Shell, Perl, Groovy Scripting, Python boto3 and Python.
* Implemented highly interactive features and redesigned some parts of products by writing plain JavaScript due to some compatibility issues using jQuery. Also used JavaScript for developing UI Components.

**Technical Skills**

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| --- | --- |
| **Operating Systems** | Windows98/XP/2000/2003/2008, Unix, Linux (Red Hat 5/6.5, CentOS 6/7, Ubuntu) |
| **Cloud Platforms** | AWS, Microsoft Azure, Google Cloud Platform |
| **Source Control Tools** | SVN, Git, GitHub, CVS |
| **Configuration Management Tools** | Puppet, Chef, Ansible, Vagrant, SaltStack, RLM, Terraform |
| **Continuous & Build Tools** | Maven, ANT, Gradle, Jenkins, Bamboo, Hudson, TeamCity |
| **Repositories** | Nexus Artifactory, JFrog |
| **Languages** | Java, Ruby, Shell Scripting, Perl Scripting, Python, SQL |
| **Tracking & Monitoring Tools** | Jira, Nagios, Splunk, DataDog, Prometheus, Grafana, AppDynamics, CloudWatch, ElasticSearch, ELK, NewRelic, ServiceNow |
| **Web Servers** | WebLogic, WebSphere, Apache Tomcat, JBoss, Docker |
| **Networking Protocols** | TCP/IP, NIS, NFS, DNS, DHCP, Cisco Routers/Switches, WAN,  SMTP, LAN, FTP/TFTP, Meraki |
| **Databases** | ORACLE, MYSQL, MongoDB and Maria DB |

**Professional Experience**

# CVS Health January 2022 to March 2023

**Azure Cloud/DevOps Engineer**

**Description:** CVS Health is leading Healthcare companies in America which owns CVS Pharmacy, Aetna health Insurance. It has large cloud base applications running and it uses major 3 clouds Azure, AWS, GCP. As an Azure Cloud DevOps Engineer, I created infrastructure on Azure for many projects using Terraform and Jenkins.

* Building a highly scalable, highly available, Public cloud infrastructure using Azure services like App services, Azure Storage, Azure SQL database, Virtual machines, Azure Active Directory (AD), Azure Resource Manager (ARM), Cosmos DB, AZURE Functions, AZURE Service Bus, AZURE Virtual Networks (VNets), subnets, security policies and routing.
* Created KeyVaults and assigned Access policies and RBAC roles to manage KeyVault’s. Loading Secrets, Keys and certificates into Azure KeyVault and HashiCorp Vault. Configured Key Vault and enabled access policies for Azure function apps, storage accounts, resource groups.
* Created Azure data factory for encryption with the private end point and Customer Managed key (CMK) on VNets
* Creating, Automating and managing the firewall rules NSG and Security Groups in Azure in the process of maintaining the security standards in the cloud environment and created the NSG rules (inbound and outbound) according to subnet restrictions. Implemented Network Security Groups (NSG) to control network traffic to various Azure network resources. Associated NSGs to VMs, NICs, and subnets based on deployment model.
* Creating Virtual machines, Resource Groups, NSG’s in Azure environment. Designed VNets and subscriptions to confirm to Azure Network Limits. Implemented to automate the infrastructure used Azure CLI and involved in accessing subscription using Powershell and to monitor and troubleshoot azure resources.
* Creating Azure Resource groups using Resource manager for monitoring resources within resource group and experience in working with Terraform for automating infrastructure, AKS, Azure Monitor, VPCs, ELBs, security groups, container registry and other various cloud services and automated via Terraform.
* Good hands-on experience working with Azure RBAC (Role Based Access Policy). Configured Shared Access Signature (SAS) tokens and Storage Access Policies in Azure cloud infrastructure.
* Used Azure Kubernetes Service to deploy a managed Kubernetes cluster in Azure and created an AKS cluster in the Azure portal, with the Azure CLI, also used template driven deployment options such as Resource Manager Templates and Terraform. Also worked on setting up Kubernetes sandbox on Azure Kubernetes Service AKS for testing the different features, created Pods and managed using AKS.
* Whitelisted many of the Azure services such as Azure Cognitive Services, Azure container registry, Azure SQL, Azure COSMOS DB, Azure Traffic Manager, Azure DevOps, Azure private link, Azure Apache Kafka, Azure Data Factory, Azure Spring App, Azure PostgreSQL as a part of Service Onboarding process.
* Managed and created Virtual Network and Private Endpoints in Azure Portal manually and through Terraform.
* Managed and created Storage Account in Azure Portal, Configured the Azure storage accounts to enable soft delete and enabling the encryption for the data, also generating the SAS tokens for the storage accounts to be accessed and configuring the access to the storage account by limiting to selected networks.
* Created Network Watcher flow log module to attach it to the NSG’s implemented and enabled flow logs to all the required subscriptions creating storage accounts in different regions US East and US Central and also implemented network security groups on all the previous virtual networks with default rules as a security concern.
* Extensive experience on Backup and restore Azure services and in Design and configure Azure Virtual Networks (VNets), subnets, Azure network settings, DNS settings, security policies and routing. Involved in Cloud Security infrastructure design for client’s azure applications and involved in defining cloud security controls for an Azure environment at an Enterprise level.
* Worked in all areas of Jenkins setting up CI for new branches, build automation, plugin management and securing Jenkins and setting up master/slave configurations, also run Jenkins pipelines to create resources in Azure.
* Setting up the build and deployment automation for Terraform scripts using Jenkins.
* Migrated on-premises applications to Azure and configured VNETs and subnets as per the project requirement also performed Terraform scripting to do Patching, Imaging and Deployments in Azure.
* Hands on in visual studio 2019 version and Visual Studio code to build and deploy Applications for Azure through ARM Templates and Terraform, using Bash and PowerShell scripting connecting the securehub through GitLab, and also moved to GitHub Actions for the new automated deployments.
* Managing users and groups and assign permissions IAM to allow and deny AWS resources by attaching policies by creating access keys, passwords and MFA devices and temporary security credentials
* Application Load Balancing using F5 and Azure Load Balancer.

**Environment:** AWS, Azure, GCP, VMware, Terraform, GIT, GitHub, Bash, Python, PowerShell, Docker, Jenkins, Linux, Unix, Apache Tomcat, ServiceNow, Jira, Ubuntu, Kubernetes

# Intrado – Omaha, NE June 2021 to November 2021 Role: Sr. Cloud Engineer

# Description: Intrado is a digital media company providing streaming services. It connects people by developing innovative cloud-based technology to make easy, effective, and efficient to make the right connections. As a Cloud Engineer, my motive is to support the team in segmentation efforts as well as in migration and maintaining Infrastructure on AWS using Terraform. Daily activities involving usage of CI/CD tools and Scripting languages.

* Setup and manage cloud infrastructure operations and DevOps tools required for all phases of SDLC in an automated and consistent fashion using CI/CD, infrastructure as code, and configuration management tools.

# Experience in AWS Cloud Computing services, such as EC2, RDS, S3, EBS, VPC, ELB, Route53, Cloud Watch, Security Groups, Cloud Trail, IAM, Cloud Front, Snowball, EMR, DynamoDB, Data Pipeline, AWS Code Pipeline, Code commit, Code Build, CodeDeploy, Cloud Formation, Serverless Architecture using Lambda, Glacier etc.

* Deploying EC2 instances consisting of various flavors like Amazon Linux AMI, Red Hat Linux Enterprise, SUSE Linux, Ubuntu server, Microsoft Window Server2012 and many more.
* Defined AWS Security Groups which acted as virtual firewalls that controlled the traffic allowed to reach multiple AWS EC2 instances. Creating ELB and Autoscaling to design cost effective, fault tolerant, highly available systems.
* Using CloudWatch, VPC Flow Logs to monitor and retain account activity related to actions across AWS infrastructure. Leverage AWS System Manager to automate communication between S3 and other AWS services.
* Solution VPCs for various environments including NAT Gateway, VPC Peering and Transit Gateways.
* Experience in creating User/Group Accounts and attaching policies to User/Group Accounts using AWS IAM service.
* Configured Azure Multi-Factor Authentication (MFA) as a part of Azure AD Premium to securely authenticate users and worked on creating custom Azure templates for quick deployments and advanced PowerShell scripting.
* Configure Azure AD Profile sync to O365 from on-premise and Supporting Technologies including Azure Active Directory Identity Management, Single-Sign On (SSO), Office 365 Enterprise Application, ADFS, Azure AD Connect.
* Well versed in various Azure services like Compute (Web Roles, Worker Roles), Azure Web sites, Storage, Network services, Azure Active Directory, API Management, Configuring Token Sessions, and PowerShell Automation.
* Good experience in implementing IAM technology areas with a focus on Azure Active Directory and how it interacts with traditional on-premise Active Directory and Cloud Architectures using Microsoft Graph & Graph API.
* Created Services to implement Authentication and Authorization using AAD, ADFS with Access token, Claims Identity with Microsoft Azure Graph API, oAuth, SAML2.0. Responsible for creating and managing Azure AD tenants, manage users and groups, and configure application integration with Azure AD.
* Integrate on-premises Windows AD with Azure AD, configure multi-factor authentication (MFA) and federated single sign-on (SS0). Responsible for defining road map for migrating from client server architecture to Azure public cloud and employed ADFS, SCOM and Azure Services to manage Azure Resources.
* Experienced in AWS network engineering including VPC Peering, Transit Gateways, Site-to-Site VPN, Transit VPCs, ELBs, NAT Gateways, Internet Gateways, Client Access VPN, OpenVPN and VPC endpoints.
* Wrote Ansible Playbooks with YAML to automate infrastructure administration (infrastructure as code) and deployment automation. Created Playbooks to install and configure required packages to set up the environments.
* Built Continuous Integration environment using Jenkins and Continuous delivery environment Ansible for (CI/CD process). Configuration and maintenance of Jenkins to implement the CI process and integrated the tool with Maven to schedule the builds. Worked with Jenkins, Team City to implement build automation.
* Developed groovy scripts in Jenkins to automate the Integration and Deployment (CI/CD) lifecycle using poll SCM. Monitored git repository to trigger build, integration and deployments on push/pull requests using Jenkins’s pipeline. Built upstream and downstream jobs in Jenkins to build and deploy onto different environments.
* Setup and Implement (CI & CD) Process stack using suite of AWS, GITHUB/GIT, Jenkins, and Puppet.
* Written Terraform scripts to automate AWS services which include ELB, CloudFront distribution, RDS, EC2, database security groups, Route 53, VPC, Subnets, Security Groups, and S3 Bucket and converted existing AWS infrastructure to AWS Lambda deployed via Terraform and AWS CloudFormation.
* Excellent knowledge in Migrating servers, databases, and applications from on premise to AWS and GCP.
* Installed and Configured ELK (Elasticsearch, Logstash, Kibana), EFK(Fluent) for Log Monitoring different applications.
* Virtualized the servers using Docker for the test environments and dev-environments needs, also configuration automation using Docker containers. Experience in creating Docker Containers leveraging existing Linux Containers and AMI's in addition to creating Docker Containers from scratch.
* Used NewRelic Insights to make understand and help people to visualize trends, create real time dashboards and customizable charts for your metrics and uses it to analyze user behavior, business transactions, customer insights.
* Experience with installation and configuration of Dynatrace monitoring tool. Dynatrace and NewRelic application monitoring for performance metrics in real time to detect and diagnose application problems automatically.
* Improve speed, efficiency, and scalability of the continuous integration environment, automating wherever possible using Python, Bash/Shell, and PowerShell Scripts.
* Created custom real-time reports and dashboards in ServiceNow for the Jenkins and performance analytics. Worked on day-to-day administration tasks and resolve tickets using ServiceNow.
* Integrating Defect tracking tool JIRA with Confluence and Jenkins CI server for identifying, logging and, tracking and documenting defects/issues in real-time.

**Environment:** AWS, Azure, GCP, VMware, Terraform, GIT, GitHub, Bash, Python, PowerShell, Docker, Jenkins, Ansible, Puppet, Linux, Unix, Apache Tomcat, ServiceNow, Jira, Dynatrace, NewRelic, Ubuntu etc.

# Ezcorp – Austin, TX February 2020 to May 2021

**Sr. DevOps Engineer**

**Description:** Intent of the project is to migrate data to cloud platform. As a Senior DevOps engineer, I was responsible for developing and automating the infrastructure on Azure/AWS cloud. Day to day activities included building, deploying, and monitoring web application using tools in CI/CD and monitoring tools.

* Configured, monitored, and automated AWS as well as involved in deploying the content cloud platform on AWS using EC2 and EBS. Involved in migrating on premise data to AWS Cloud platform using AWS Snowball, LightSail.
* Manage AWS EC2 instances utilizing Auto Scaling, Elastic Load Balancing and Glacier for our QA and UAT environments as well as infrastructure servers for GIT and Chef.
* Supported AWS Cloud EC2 instances and used AWS command line Interface to manage and configure various AWS services. Using IAM to create new accounts, roles, and groups.
* Used Microsoft Azure to provide additional compute services for cost optimization. Built Virtual Private Networks (VPN) to include Azure computing resources. Building and Installing servers through AZURE Templates (ARM).
* Configured, used Azure Virtual Machines (VM) and Azure storage like tables, blobs. Created and Setup different blob variants like page blobs, append blobs and block blobs ensuring storage efficiency. Worked on vRA to automate IT process throughout VM lifecycle, such as provisioning, management, and retirement.
* Used Azure Functions to automate monitoring of storage cost on Azure Monitor and notify users using Event Grid. Set up CI/CD model from VSTS to Azure App service and Set up Deployment groups in VSTS to deploy the applications to Azure. Experience in migrating on premise to Windows Azure using Azure Site Recovery/backups.
* Worked with the Azure Active Directory and Domain services and restored stability to corrupted Active Directory infrastructure within weeks of employment, resulting in improved reliability and performance. Also worked with multiple Azure services like Azure Databricks, Azure Storage, Azure DevOps, Azure VNet and VMs, Azure CDN.
* Worked on Serverless services, created and configured HTTP Triggers in the Azure Functions with application insights for monitoring and performing load testing on the applications using the (VSTS) also called as Azure DevOps Services. Implemented a CI/CD pipeline using Azure DevOps (VSTS, TFS) in both cloud and on-premises.
* Designed and implemented Azure Cloud Infrastructure using ARM templates, runbooks, automation, and provisioning process. Automated the cloud deployment using Chef, Python and ARM templates.
* Used Chef for configuration management of hosted Instances within Azure. Configuring and Networking of Virtual Private Cloud (VPC) and Setup Alerting and monitoring using Azure monitoring.
* Created PowerShell server scripts for automated login, securing data into Azure Key Vaults and dynamically setting appropriate permissions on Azure resources like Azure SQL, Data Lake Store for Hadoop.
* Developed Terraform modules to deploy data resources using platform agnostic configuration files. Also used Terraform to version infrastructure to make failure prone resources safe and secure.
* Developed build and deployment scripts using ANT and MAVEN as build tools in Jenkins to move from one environment to other environments. Compiling Java code, Debugging and Placing builds into Maven repository.
* Implemented CI/CD pipeline to pull the code from git repository, build and deploy products as artifacts using tools like git, maven, and Artifactory on Jenkins. Installed Nexus repository tool to maintain the artifacts.
* Involved in development of test environment on Docker containers and configuring the Docker containers using Kubernetes. Worked with OpenShift platform in managing Docker containers and Kubernetes Clusters.
* Set-up databases using RDS, storage using blob storage and configuring instance backups to blob. Prototype CI/CD system with GitLab on GKE utilizing Kubernetes and Docker for the runtime environment for the CI/CD.
* Automated build and deployment using Jenkins to reduce human error and speed up production processes.
* Build Automation and Build Pipeline Development using Jenkins, GitHub, and Maven. Set up build pipelines in Jenkins by using various plugins like Maven plugin, EC2 plugin etc.
* Written wrapper scripts to automate deployment of cookbooks on nodes and running the chef client on them in a Chef-Solo environment. Using chef performed application deployments and environment configuration.
* Installed Splunk in production servers for logging purpose. Built Splunk dashboards for application monitoring.
* Managed and monitored the server and network infrastructure using AppDynamics, Splunk. Performed system administration and operations tasks using Jenkins, AppDynamics.
* Extensive experience in Linux utilities KICKSTART, SSH, FTP Quota Management, User Management, Process Management, Memory Management, and Text processing tools, LAMP stack, Log Management, Package Management, Disk Management and Swap Partition/Files Management.
* Hands-on experience migrating Oracle, SQL Server instances to AWS RDS (Oracle to Oracle migration, Oracle to Postgres migration, Oracle to MySQL). With stored procedures, views, functions, and materialized views.
* Implemented Jenkins and GitHub integration using ssh, Jenkins and Nexus integration using ldap authentication and ServiceNow API Integration with Jenkins using Rest API.
* Resolved update, merge and password authentication issues in JIRA and kept track of all releases and request of the developers through infrastructure management tool.
* Hands on experience in networking protocols and networks (LAN, WAN, TCP, UDP, BGP, OSPF, FTP, SMTP, HTTP, HTTPS, DHCP, DNS, TFTP, SIP, SSH, NTP, TLS, IGMP, LLDP, BDDP, MLPS).
* Developed scripts for build, deployment, maintenance, and related tasks using Jenkins, Maven, Python and Shell.
* Automated Nagios services for database server, webserver, application-server, networks, file sizes, RAM utilization, Disk performances using Python script in Chef

**Environment:** AWS, Azure, VMware, Terraform, GIT, GitHub, Bash, Python, Ant, Maven, Docker, Jenkins, Chef, Linux, Unix, Apache Tomcat, Windows, Splunk, AppDynamics, Jira etc.

# Healthgrades- Denver, CO May 2019 to January 2020 Cloud/DevOps Engineer

# Description: As a DevOps engineer, designed/developed and automated infrastructure for environments, building AWS/GCP cloud. Migrated the On- Premise’s web servers to the AWS Cloud using suite of DevOps tools.

* Involved in designing and deploying a multitude of applications utilizing almost all the AWS stack including EC2, Route53, VPC, Subnets, IAM, S3, RDS, Dynamo DB, SNS, SQS, RDS, ALB, ELB, EBS, LAMBDA, REDSHIFT for installing, configuring, and focusing on high-availability, fault tolerance and auto-scaling in AWS cloud formation.
* Configuring and Networking of (VPC), Written Cloud Formation templates and deployed AWS resources using it. Managed AWS infrastructure with automation and configuration management tools such as Ansible.
* Implemented rapid-provisioning and life-cycle management for Red Hat Linux using custom shell scripts, and Amazon EC2. Performed Shell and Python scripting for Infrastructure automation tasks in Linux.
* Worked with Red hat Satellite Server and Foreman to manage On-Premises Physical, Virtual Infrastructure deployment and Provisioning Automation. Involved working with a PaaS solution such as RedHat OpenShift.
* Experience with AWS S3 services creating buckets, configuring buckets with permissions, logging, versioning, and tagging. Setup databases in AWS using RDS, storage using S3 bucket and configuring instance backups to S3 bucket.
* Responsible for the design, development and administration of transactional and analytical data constructs/structures and business reports from legacy to AWS and Snowflake.
* Building/Maintaining Docker/ Kubernetes container clusters managed by Kubernetes Linux, GIT, Docker, on GCP.
* Worked on google cloud platform (GCP) services like compute engine, cloud load balancing, cloud storage, cloud SQL, stack driver monitoring and cloud deployment manager.
* Worked with GCP cloud IoT Core, Google Kubernetes Engine, Cloud SQL, Cloud Data store, Cloud Big data, Cloud memory store, compute engine, Cloud Data flow, Cloud Pub/Sub.
* Installed and Configured CI/ CD Pipelines using Jenkins as needed by the application software lifecycle management.
* Setting up Jenkins’s master, adding the necessary plugins and adding more slaves to support scalability and agility.
* Container management using Docker by writing Docker files and set up the automated build on Docker HUB and installed and configured Kubernetes and managed micro services for development of CI/CD.
* Implementation of a Continuous Delivery CD framework using Jenkins, Ansible, and Maven in Linux environment.
* Implemented a 'server less' architecture using API Gateway, Lambda, and Dynamo DB and deployed AWS Lambda code from Amazon S3 buckets. Converting existing AWS infrastructure to server less architecture deployed via cloud formation. Created a Lambda Deployment function and configured it to receive events from your S3 bucket.
* Used CloudFormation and Terraform (IaaC) to deploy application architecture using ansible into AWS Environments.
* Worked on User administration setup, maintaining account, performance test using Nagios for monitoring network bandwidth and used CloudWatch to monitor/metric collection for applications in cloud-based environment.
* Used Kubernetes to deploy scale, load balance, scale and manage docker containers with multiple names spaced versions. Extensively experienced in using Build and Automation tools like ANT and Maven.
* Managed Kubernetes charts using Helm, and Created reproducible builds of the Kubernetes applications, managed Kubernetes deployment and service files and managed releases of Helm packages.
* Used Git Atlassian stash for Version control and Collaboration for Code Reviews to maintain the Ansible artifacts and other application source codes. Maintained high availability clustered and standalone server environments and refined automation components with bash scripts and Ansible.
* Involved in Configuration Automation and Centralized Management with Ansible and Implemented Ansible to manage all existing servers and automate the build/configuration of new servers.
* Created and modified JIRA workflows including project workflows, field configurations, notification schemes, etc.
* Implemented Nagios core/XI for monitoring Infrastructure resources. Set up customized monitoring with Nagios, and PNP4Nagios Graphs for the legacy and new environments.
* Responsible for CI/CD process implementation using Jenkins along shell scripts to automate routine jobs.

**Environment:** AWS including EC2, S3, VPC, RDS, Dynamo DB, IAM, AMI, EBS, ELB, Lambda, Glacier, Terraform, Apache, Maven, Jenkins, Ansible, Git, Docker, OpenShift, Kubernetes, Bash, Ruby, JIRA, Nagios, Linux.

# Anblicks Solutions Ltd- Hyderabad, India October 2015 to July 2018 Build and Release Engineer

# Description: As a Build and Release Engineer, I was involved in developing and delivering client applications based on their requirements. By using Maven, Jenkins in WebLogic, I used Agile methodology for the automated build and deployment.

* Installed Involved in Create/Enhance/automate build and deployment process as DevOps engineer for each release and backup, restore and upgrade.
* Written, maintained, reviewed, and documented modules, manifests, Hier configurations and Git repositories for Puppet Enterprise on RHEL and SLES platforms.
* Implemented Chef Recipes for Deployment on build on internal Data Centre Servers. Also re-used and modified same Chef Recipes to create a Deployment directly into Amazon EC2 instances (AWS).
* Managed infrastructure for configuration management and version control.
* Experience configuring and managing Puppet master server, updating, and creating modules and pushing them to puppet clients. Trained and supported Linux engineers in the use of the company's Puppet infrastructure.
* Chef Recipes to automate our build/deployment process and do an overall process improvement to any manual processes. Wrote Chef cookbooks to make the implementations reusable.
* Installed and configured Jenkins for Automating Deployments and providing a complete automation solution.
* Used Build Forge for enterprise scale infrastructure configuration and application deployments.
* Integrated Subversion into Jenkins to automate the code check-out process.
* Performed setup of clustered environment setups with Web Sphere Application Server.
* Wrote scripts to perform deploys to Tomcat Web server and Web Sphere App Servers.
* Proposed and implemented branching strategy suitable for agile development in Subversion.
* Provided end-user training for all Subversion (SVN) users to effectively use the tool.
* Managed the entire Release Communication and Co-ordination Process.
* Maintained the Shell and Python scripts for the automation purposes.
* Involved in maintaining and editing Python scripts for application deployment automation.
* Involved in editing the existing ANT/MAVEN files in case of errors or changes in the project requirements.

**Environment:** Sun Solaris, UNIX, windows, CVS, Perforce, MongoDB, Java, Eclipse, Ant, SVN, Jenkins, Puppet, Chef, Maven, RedHat Linux, Tomcat Apache

# GGK Technologies Pvt. Ltd.-Hyderabad, India May 2013 to September 2015 Linux/Unix System Administrator

# Description: As a Linux administrator my main responsibility is to install and set up Linux systems and servers, often for organization- wide deployment. I had to configure, manage, and implement operating systems.

* Installation, configuration, and upgrade of Red Hat Linux 3/4/5, AIX 5.3, VMware 4/5 operating systems.
* Installed and configured Linux/Unix Windows operating systems on VMware server.
* Created and managed File systems, Mount points, and RAID volumes in UNIX / Linux.
* Setup, configure and troubleshoot TCP/IP, DHCP, DNS, NFS, on Solaris 10 and 11 Servers in a multiplatform LAN.
* Detected and resolved network connectivity issues on multiple Windows System, UNIX/ LINUX Servers.
* Troubleshoot Solaris 10 and 11 issues emanating from hardware and software related and configuration issues.
* Configured SWAP in Centos, RHEL, and Solaris and managed disk/ partitions in Solaris, RHEL, and Centos.
* Administration and support of Unix Servers including SUSE Solaris, HP-UX, Red Hat Linux, and CentOS.
* Extensive experience in configuring and building RHEL 4/5/ servers using Kickstart.
* Scanning LUNs from SAN and creating Volume groups, creating, and extending LVM and file systems online.
* Installing and managing packages using command line utility using RPM and YUM.
* Responsible for applying latest patches, user administration, kernel tuning parameters, file system space monitoring on Solaris systems. Worked on RAID creation and maintained redundancy.
* Adding storage to the cluster disks and increasing/ decreasing the filesystem in RHEL.
* Configure dynamic and static network settings for IPv4 and filter packets.
* Reviews file system management concepts and removable media and configure NFS shares with AutoFS.
* Performed remote system administration using network protocol tools such as SSH, HTTP, TELNET, FTP, SFTP, SMTP.
* Installed and configured DHCP, DNS, TCP/IP, UDP, FTP, NFS servers and clients, assigning IP addresses to client hosts, and performed troubleshooting.

**Environment:** Linux, SAN, SUSE 9,10, RHEL 5.x, RAID, CentOS 5, Windows2008, Logical Volume Manager, FTP, SFTP, SSH, RPM, YUM, LAN, VMware.