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Professional Summary

- 7+ years of experience in IT with a background in DevOps, Build & Release Engineering, Configuration Management, Infrastructure Automation, Test Automation, Monitoring, Systems Analysis, and optimize time to deliver applications.
- Experienced in working on DevOps/Agile operations process and tools area code review, unit test automation, build and release automation, Environment, Service, Incident and Change Management.
- Experience in using configuration management tools like Chef, Ansible and Puppet for Automation.
- Hands on experience with an in-depth level of understanding in the strategy and practical implementation of AWS cloud-specific technologies like EC2, S3, Route53, Cloud Formation, Elastic IPs, VPC, Lambda, cloud formation, RDS, Fargate, ECR, ECS, Kafka Cloud Watch, SNS and SES.
- Configured Elastic Load Balancers with EC2 Auto Scaling groups. Optimized volumes and EC2 instances and created multi-AZ VPC instances. Good understanding of AWS Elastic Block Storage, various volume types and utilization of different types of EBS volumes based on requirement.
- Configured S3 lifecycle of Applications and Database logs, including deleting old logs, archiving logs based on the retention policy of Apps and Databases. Implement and maintain the monitoring and alerting of production and corporate servers/costs using Cloud Watch.
- Experienced in migrating on-premises, .Net apps, DevOps platform to Azure CI/CD processes by utilizing ARM templates, Azure DevOps, Azure CLI, App services to build Repos, Pipelines, Web Apps, and monitoring applications using Application Insights.
- Hands on experience in Azure cloud worked on Azure web application, App services, Azure SQL Database, Azure Blob storage, Azure Functions, VMs, Fabric controller, Azure AD, Azure Data Factory, Azure Service Bus and notification hub.
- Proficient in using Azure service fabric to package, deploy, manage scalable and reliable microservices and containers.
- Extensively used Terraform to a reliable version and created infrastructure on AWS, Azure, and On-Prem. Also created resources, using Azure/AWS Terraform modules, and automated infrastructure management. Used Terraform to map more complex dependencies and identify the network issues.
- Have Extensive Experience in IT data analytics projects, Hands on experience in migrating on premise ETLs to Google Cloud Platform (GCP) using cloud native tools such as BIG query, Cloud Data Proc, Google Cloud Storage, Composer.
- Worked on POC for barbican setup mos. - kilo. Worked on creating the ansible playbooks for deploying tools. Responsible for creating the performance scripts like ceilometer/bpa/attlogins etc., in ruby.
- Provisioned the highly available EC2 Instances using Terraform and cloud formation and wrote new plugins to support new functionality in Terraform.
- Created Docker file for each micro service's and changed some of the tomcat configuration file which are required to deploy Java based application to the Docker container.
- Worked with Ansible (automation tool) to automate the process of deploying/testing the new builds in each environment, setting up a new node and configuring machines/servers.
- Installed, configured and administered Continuous Integration tools such as Jenkins and Gitlab for automated builds. Experience in Setting up the build and deployment automation for Terraform scripts using Jenkins.
- Used Bash and Python included Boto3 to supplement automation provided by Ansible and Terraform for tasks such as encrypting EBS volumes backing AMIs and scheduling Lambda functions for routine AWS tasks.
- 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.

- DevOps practice for Micro Service and docker based cluster using Kubernetes and spinnaker as orchestrator on application development for cloud platforms using like Spring boot, Microservice's.
- Building/Maintaining Docker container clusters managed by Aws, Linux, Bash, GIT, Docker. Utilized Kubernetes kops cluster and Docker for the runtime environment of the CI/CD system to build, test deploy.
- Implementing multi-tier application provisioning in OpenStack cloud, integrating it with Jenkins and SonarQube.
- Creating scripts in DSL Groovy which integrate with Jenkins for Automation to create seed jobs. Installing, configuring and administer Jenkins CI tool on Windows and Linux machines.
- Administer CI/CD (Jenkins, Chef) tools stack administration and maintenance. Setup and Implement Continuous Integration and Continuous Delivery (CI & CD) Process stack using AWS, GITHUB/GIT, Jenkins and Chef.
- Experience in Maintenance of Source Control Management Systems such as Git, GitHub, Subversion (SVN).
- Experienced in installing maintaining application and web servers like Web Sphere, Web logic, Apache Tomcat, Ngnix and JBoss. Expertise in Querying RDBMS such as Oracle, MY SQL and SQL Server.
- Deployed and scaled web applications that are developed on Programming languages such as java/J2EE, .Net, PHP, Node JS, Python, Experienced in writing Bash and Python scripts.
- Integrating the code quality analysis tools like Junit and monitoring tools like Nagios, Cloud watch and Splunk.
- Providing ongoing management and Administration of both Windows and Linux Machines (i.e.) Resource Management, Installations/Setup, Imaging, performance-tuning and Tier.
- Involved in developing custom scripts using Python, JSON, Ruby, PowerShell, YAML, Perl, Shell (bash) to automate jobs.
- Design and implement scalable enterprise monitoring systems by applying continuous integration/delivery concepts. Perform maintenance and troubleshooting of our enterprise Redhat OpenShift systems. Work to continuously improve speed, efficiency and scalability of OpenShift systems
- Experienced in Gitlab CI and Jenkins for CI and for End - to-End automation for all build and CD.
- Proficient in documenting and implementing procedures related to build deployment and release.
- Experienced in Security scanning tools like Sonar Cloud/SonarQube, Fortify, Veracode, Twistlock.
- Experience with SCA Fortify and Lithium Static & Dynamic website/code scanning tools.
- Good experience in writing Helm Charts, Kubernetes yaml files for deployment of microservices into Kubernetes clusters. 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.
- Experience in using Bug tracking tools like JIRA, Remedy, Confidential Quality Center. Created and wrote shell scripts (Bash), Ruby, Groovy, YAML, JSON, Python and PowerShell for automating task.
- Experience in full SDLC such as Design, Build, Testing, Debugging, QA and UAT.
- Exposed to all aspects of SDLC such as Analysis, Planning, Developing, Testing and Implementing and Post - production analysis of the projects. Good understanding in SDLC methodologies such as Agile, and waterfall.
- Good understanding of the principles and best practices of Software Configuration Management (SCM) in Agile, scrum, and Waterfall methodologies.
- Provided daily application support including analysis, debugging, maintenance and performance tuning in a 24/7 highly available environment.
- Managing DATA Center Inbound and outbound services. Working on Ansible automation tool.
- Automated configuration management and deployments using Ansible playbooks and Yaml for resource declaration. And creating roles and updating Playbooks to provision servers by using Ansible.
- Experienced in using Ansible to manage Web Applications, Config Files, Data Base, Commands, Users Mount Points, and Packages and Used ansible-galaxy to create roles which can be reused multiple times across the organizations and calling these reusable roles using the 'requiremment.yml' file in roles.
- Used Chef in installation of Apache servers, tomcat servers, stigs, splunk (stoping, deploying the code, starting)
- Expert in setting up the chef repo, chef work stations and chef nodes.
- Excellent communication, interpersonal, and analytical skills. Proven ability to learn and rapidly adapt to new challenges.
- Good interaction with developers, managers, and team members to coordinated job tasks and strong commitment to work.

Tech Stack:

Cloud Platforms	AWS, Azure, Google Cloud Platform, PCF, Alibaba Cloud, Oracle Cloud.
Automation	Ansible, Chef, Puppet, Terraform, Azure DevOps, Salt Stack.
Build Tools	Ant, Maven, Gradle, NPM, MS Build
Containerization	Docker, Kubernetes, OpenShift, Rancher, Docker Swarm, Mesosphere DC/OS.
CI/CD	Jenkins, Bamboo, GitLab CI, CircleCI, TravisCI, AWS Code Build, Google Cloud Build
Databases	MySQL, MongoDB, PostgreSQL, Oracle, SQL Server
Monitoring & Networking	Splunk, Prometheus, Grafana, ELK Stack, Nagios, Zabbix, TCP/IP, DNS, DHCP, VPN, load balancer, Firewall, DataDog
Applications	Tomcat, JBoss, Web Logic, Web Sphere, Nginx, Glassfish.
Languages	Python, Bash, JavaScript, Go, Ruby, Java, CPP, C.
OS	Windows, MacOS, Unix, Solaris 10, AIX, Linux (RedHat, Ubuntu, Kali).

PROFESSIONAL EXPERIENCE

Johnson & Johnson, Raritan, NJ

April 2022 – Present

Role: Sr.Cloud/DevOps Engineer

Responsibilities:

- Manage DevOps and Infrastructure Teams supporting tools and infrastructure for developers.
- Leveraged AWS cloud services such as EC2, auto-scaling and VPC to build secure, highly scalable and flexible systems that handled expected and unexpected load bursts.
- Launching Amazon EC2 Cloud Instances using Amazon Images (Linux/ Ubuntu) and configuring launched instances with respect to specific applications.
- Working with AWS services such as EC2, VPC, RDS, CloudWatch, CloudFront, Route53 etc. Configuring and Networking of VPC. Written Cloud formation templates and deployed AWS resources.
- Creating S3 buckets and managing policies for S3 buckets and Utilized S3 bucket and Glacier for storage and backup on AWS. Implemented Git mirror for SVN repository, which enables users to use both Git and SVN.
- Created detailed AWS Security Groups, which behaved as virtual firewalls that controlled the traffic allowed to reach one or more AWS EC2 instances. Handled operations and maintenance support for AWS cloud resources which includes launching, maintaining and troubleshooting EC2 instances, S3 buckets, VPC, ELB and RDS. Deployed applications on AWS by using Elastic Beanstalk.
- Managed of secure-cloud configuration (Cloud Trail, AWS Config), cloud-security technologies (VPC, Security Groups, etc.) and cloud-permission systems (IAM). Creating snapshots and AMIs of the instances for backup and creating clone instances.
- Implementing a globally distributed monitoring practices with Proxies and Agents to manage the monitoring load across globe.
- Expert Designing, planning and implementation for existing On-Prem applications to Azure Cloud (ARM), Configured and deployed Azure Automation Scripts utilizing Azure stack (Compute, Web and Mobile, Blobs, ADF, Resource Groups, Azure Data Lake, HDInsight Clusters, Azure Data Factory, Azure SQL, Cloud Services and ARM), Services and Utilities focusing on Automation.
- Implemented Terraform and cloud formation and wrote new plugins to support new functionality in Terraform.
- Used Bash and Python included Boto3 to supplement automation provided by Ansible Terraform for tasks as encrypting EBS volumes backing AMIs and scheduling Lambda functions for routine tasks.
- Used Terraform to provision the instances on AWS Cloud. Provisioned largescale environments as infrastructure as a code using Terraform. Built custom Terraform Modules for projects to manage code as DRY.
- Provisioned the highly available EC2 Instances using Terraform and Ansible Playbooks.

- Setting up the build and deployment automation for Terraform scripts using Jenkins.
- Implemented Production environment using Terraform with Terragrunt as a wrapper.
- Managing Kubernetes charts using Helm. Created reproducible builds of the Kubernetes applications, managed manifest files & releases of Helm packages. Created Pods in Kubernetes and monitored the health of pods using Helm charts.
- Configured GCP GKE ISTIO to handle the Ingress and egress and Service Discovery for microservice PODS inter communication.
- Orchestrating production container application using Kubernetes for auto scaling of applications using Deployments, creating replica set, and using persistence volume to store application data, use readiness and liveness probe for container health check.
- Worked with OpenShift Container Platform for Docker and Kubernetes, used Kubernetes to manage containerized applications using its nodes, ConfigMaps, node-selector, Services and deployed application containers as Pods.
- Created Ansible supported YML scripts to restart JBoss, Tomcat, and Jetty servers through GUI.
- Created Ansible playbooks for various automation purpose, file copy, permission changes, configuration changes, path specific folder creation.
- Migrated legacy applications to Microsoft Azure Cloud PaaS by setting up CI/CD pipelines on Azure DevOps.
- Setup repos on Azure Git, merging code from develop branch to master branch and make it ready for deployment. Setup AKS clusters in Azure using Azure CLI.
- Implemented a robust CI/CD model using Jenkins, resulting in higher productivity of the development team to better capitalize the advantages offered by agile development life cycle.
- Configured and ensure connection to RDS database running on MySQL engines.
- Responsible for Plugin Management, User Management, regular incremental backups and regular maintenance for recovery. Conducted performance testing of Apache, Tomcat, Nginx management services.
- Versioning and Source control of codes using GIT concepts such as branching, merging, labelling/tagging, branches locking, access control and integration.
- Maintained and Administered GIT Source Code Tool. Defined dependencies and plugins in Maven POM.xml for various activities and integrated Maven with GIT to manage and deploy project related tags.
- Worked with logging/monitoring tools such as Splunk, Log stash, Cloud Watch and Nagios. Managed Build results in Jenkins and Deployed using workflows.
- Involved in writing SQL queries to implement the schema related changes for internationalization and debugged the build errors using SQL queries to make sure Database is not corrupted.
- Strong use of scripting languages like Shell, Bash, Python, Ruby, PERL and PHP.
- Ensure development teams are provided a full set of DevOps ALM tools by leading the establishment of the right tooling and processes that will result in a fully automated release management pipeline to include: the Automated build process, environment setups, testing scripts, deployments, and production operational metrics/debugging information (to target developers).
- Creating RBAC for restricting access, using resources quota to restrict access on resources.
- Provisioned AWS services using AWS CLI/API, defining EC2, S3, VPCs subnets, Auto-Scaling Policies/ Security Groups and Routs 53 ensure high availability and redundancy of critical resources.
- Working on creating alerts in prism and twistlock.
- Written and implemented container platform security standards and policies. Once after writing these policies collaborated with Cloud operations teams and service owners to implement these security standards in Prisma cloud and twistlock and Aws Config.

Cisco, San Jose, CA

January 2022 – March 2022

Role: Sr.Cloud/DevOps Engineer

Responsibilities:

- Dealing with Windows Azure IaaS - Virtual Networks, Virtual Machines, Cloud Services, Resource Groups, Express Route, Traffic Manager, VPN, Load Balancing, Application Gateways, Auto-Scaling. Used to installing and configuring SSL certificates in web servers.
- Expertise in Confidential Azure Cloud Services (PaaS & IaaS). Expertise in Azure infrastructure management. Expert in managing Azure Storage Accounts.

- Used Terraform to transform the infrastructure from on-premise to cloud. Worked on creating the modules driven Azure Infrastructure with Terraform. Created Infrastructure Git repositories for Terraform to launch the stacks.
- Expert in writing Templates for AWS infrastructure, as a code using Terraform to build Development, Testing, staging and production environments.
- Designed Terraform templates to create custom sized VPC, subnets, NAT to ensure successful deployment of Web applications and database templates on AWS.
- Used to work on container-based deployments using Docker, working with Docker images, Docker hub and Docker registries, installation and configuring Kubernetes and clustering them.
- Building/Maintaining Docker container clusters managed by Kubernetes, Linux, Bash, GIT, Docker, on GCP. Utilized Kubernetes and Docker for the runtime environment of the CI/CD system to build, test deploy.
- Good at manage hosting plans for Azure Infrastructure, implementing and deploying workloads on Azure virtual machines (VMs). Experience on DevOps tools like Kubernetes. Working knowledge on Azure Fabric, Micro services, IoT & Docker containers in Azure.
- Managing and creating new and existing environments in VSTS deployment groups. Architected and developed continuous integration, continuous deployment and configuration management that automated builds and deployments to numerous environments using VSTS on Azure Devops project.
- Implemented high availability with Azure Classic and Azure Resource Manager deployment models
- Provided high availability for IaaS VMs and PaaS role instances for access from other services in the VNet with Azure Internal Load Balancer.
- Worked with OpenStack Services such as Compute, Network, Storage, Dashboard, Image, Identity, Monitoring, and Orchestration Service.
- Knowledge in Implementation of horizontal auto-scaling use cases using OpenStack components.
- Implemented automated local user provisioning in instances created in OpenStack cloud through Ansible Play books.
- Implementation of Continuous Integration and Continuous Delivery and other tooling as needed to support internal and customer development efforts to customize and enhance OpenStack.
- Developed and maintained Cloud Formation Template scripts (CFT's), automated the provisioning of AWS resources (IAM, EC2, S3, SNS, RDS, ELB and Auto Scaling) and installed workstations.
- Used the AWS-CLI to create a stack in Cloud Formation Templates, Worked on Cloud Formation templates for AWS.
- Designed and developed AWS Cloud Formation templates to create custom VPC, Subnets, NAT to ensure deployment of web applications.
- Deployment to AWS with Chef and Terraform towards AWS and using Terraform and cloud formation template for building, updating, and versioning infrastructure safely and efficiently, as well as creating custom in-house solutions with Chef configurations.
- Configured Ansible to manage AWS environments and automate the build process for core AMIs used by all application deployments including Auto Scaling and Cloud Formation Scripts.
- Expertise in building new application and deployment through Ansible and managing them in production environment.
- Automated various infrastructure activities like Continuous Deployment, Application Server setup, stack monitoring using Ansible playbooks and has Integrated Ansible with Jenkins. Ran Ansible playbooks and created various roles for applications, then deployed the Applications/Services on hosts.
- To achieve Continuous Delivery goal on high scalable environment, used Docker coupled with load-balancing tool Nginx. Virtualized the servers using Docker for the test environments and dev-environments needs, also configuration automation using Docker containers.
- Used Splunk to monitor the system logs as well as notify the incident management system upon exceeding thresholds.
- Hands on with Git / GitHub for code check-ins/checkouts, branching etc. Implementing a Continuous Delivery framework using Jenkins, Chef, Maven & Nexus in Linux environment.
- Expertise in deploying system stacks for various environments like Dev, UAT, Production on both premise and cloud.
- Expertise on Vagrant, AWS and Kubernetes based container deployments to create self-environments for dev teams and containerization of env's delivery for releases.
- Installed Red hat Linux using Kickstart and applied security patches for hardening the server. In-depth knowledge in Bash Shell Scripting and CRON job automation.

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

- Dealing with Windows Azure IaaS - Virtual Networks, Virtual Machines, Cloud Services, Resource Groups, Express Route, Traffic Manager, VPN, Load Balancing, Application Gateways, Auto-Scaling. Used to installing and configuring SSL certificates in web servers.
- Expert in Build and Release, SCM, GCP, AWS, Environment Management, Continuous Integration (CI), Continuous Delivery (CD) and Devops Methodologies. Experience in cloud technologies on both GCP and AWS Platforms.
- Used to work on migrating the Legacy application into GCP platform and managing the GCP services such as Compute Engine, cloud storage, Big Query, VPC, Stack Driver, Load Balancing and IAM. expert in reducing the cost for compute engines in GCP as per utilization of services. Experience in working on TERRAFORM for provisioning the Environments in GCP.
- Automated the infrastructure in Google Cloud by using Deployment Manager templates for various services in GCP. Part of a team of DevOps engineer for infrastructure support on Azure and GCP cloud.
- Expert in Google Cloud components, Google container builders and GCP client libraries and cloud SDK's. Worked Extensively on building and maintaining clusters managed by Kubernetes, Linux, Bash, GIT, Docker, on GCP (Google Cloud Platform)
- Secured the GCP infrastructure using Private subnets, Security groups, NACL(VPC), WAF etc. Implemented Automation scripts in python, jinja and bash to deploy and manage GCP services like Custom VPC, VPN, Subnets, Stack driver etc.
- Designed AWS Cloud Formation templates to create custom sized VPC, subnets, NAT to deploy Web applications & database templates. Designed roles and groups for users & resources using AWS Identity Access Management (IAM). Created a Continuous Delivery pipeline to bundle Chef Cookbooks and Cloud formation templates and push them to S3 buckets using Jenkins, Git.
- Worked on Cloud automation using AWS Cloud Formation templates. Automated the cloud deployments using CHEF, PYTHON (boto & fabric) and AWS Cloud Formation Templates.
- Extensive experience on working with the Configuration/Deployment Tools like CHEF (Knife, recipe, cookbook), ANSIBLE (Playbook, inventory) and PUPPET (Puppet manifests, Factor, catalog). Experience working with Chef Enterprise and Chef Open Source, ChefDK, Chef Workstation, Chef Server, Chef - Client.
- Written Chef Cookbooks for various DB configurations to modularize and optimize product configuration, converting production support scripts to Chef Recipes and AWS server provisioning using Chef Recipes.
- Worked with various components of Chef including Chef Server, workstations, Nodes, configurations of chef-client and writing recipes for Chef and assigning roles to nodes.
- Profoundly did Continuous integration using Hudson's/Jenkins, Anthill pro, Team city and Bamboo, which requires developers to integrate code into a shared repository several times a day. Expert administering and maintaining Atlassian products like JIRA, bamboo, Confluence, Fisheye.
- Configured and maintained Jenkins to implement the CI/CD process and integrated the tool with Git, Maven, Nexus, Docker, Nagios and Jira for end-to-end automation and took the responsibility to maintain the CI/CD Jenkins server.
- Worked on managing automated multiple continues integrated depot and branch builds on Bamboo, Hudson/Jenkins, TeamCity, and Anthill Pro on a network server.
- In - depth knowledge of Apache Subversion (SVN) and Jenkins/Hudson/Build Forge Continuous Integration, Server - Installation, Configuration, Design and Administration, plus experience of extending and integrating these tools with other systems, platforms and processes using Java, Shell Scripting etc.
- Created branches and managed the source code for various applications in SVN, GIT, TFS and SonarQube. Implemented a GIT mirror for SVN repository, which enables users to use both GIT and SVN.
- Created a Python/Django based web application using Python scripting for data processing, MySQL for the database, and HTML/CSS/jQuery and High Charts for data visualization of the served pages.
- Skilled in using collections in Python scripting for manipulating and looping through different user defined objects.
- Worked as Cloud Engineer (Storage & Virtualization Technology) where Planning, Implementation, Administration, Patching and troubleshooting are involved, and have worked on cross platforms like Linux, Networks and Window.

- Hands-on experience in Python scripting, Python STL, Pylons, Django, UI and web development. SkUsed Nagios to monitor overall server performances, log management and communicating log messages to appropriate teams in different environment. Worked on log monitoring tool ELK Stack (Elastic search, Log stash, Kibana) and tools like Nagios, Splunk, Cloud Watch etc.

Principal Financial Group

November 2018 – April 2020

Role: Cloud DevOps Engineer

Responsibilities:

- Designed and implemented fully automated server build, management, monitoring and deployment solutions spanning multiple platforms, tools and technologies including Jenkins Nodes/Agent, Chef, Puppet, Android, VMware, EC2.
- Used Puppet Enterprise edition for configuration management. Wrote shell scripting to automate task across servers through Puppet. Actively involved in configuring puppet open source with several third parties' applications.
- Design, integration and management of **Amazon Web Services cloud solutions**. Provisioning of EC2 instances, built via puppet, and integrated into local area offices in 5 time zones. Amazon RDS, VPC construction, Security Group policies, IAM, Route 53, CloudFormation, S3, Glacier, OpsWorks
- Configured local Maven repositories with Nexus repositories and scheduled projects in Jenkins for continuous integration. Code Coverage-Installed SONAR on Jenkins server and configure with the build process for the code analysis process for better code quality and code metrics, and rapid feedback for development teams and managers.
- Profusely worked on Version control tools like Subversion, GIT based Gitlab, Atlassian Stash to track and collaborate changes made by different people in source code.
- Profusely worked on Version control tools like Subversion, GIT based Gitlab, Atlassian Stash to track and collaborate changes made by different people in source code.
- Developed build and deployment scripts using ANT and MAVEN as build tools in Jenkins to move from one environment to other environments.
- Built Java applications using ANT and Maven and deployed JAVA/J2EE applications through Tomcat Application servers. Specialized in automating tasks and process through scripts using ANT/Maven and Shell. Used ANT tool to do the builds, integrated ANT to Eclipse and did local builds.
- Automated Jenkins to build pipelines for terraform plan and terraform apply. Configured Jenkins to ECS and updated Jenkins slaves to run fargate instance.
- Integration of DM scripts execution though Jenkins CI/CD pipeline for automated deployment of IaaS / SaaS resources.
- Expert in executing the CI Jenkins build job for both Android and iOS application builds. Using GIT (Stash) tool as the source code repositories for all projects and Artifactory for all builds (ipa/apk) release repository.
- Expert in various programming and scripting languages especially Shell and Python scripting with focus on DevOps tools, CI/CD and performed configuration, deployment and support of cloud services on AWS Cloud Architecture.
- Used Nagios as a monitoring tool to identify and resolve infrastructure problems before they affect critical processes and worked on Nagios Event handlers in case of automatic restart of failed applications and services.
- Developed Perl and Shell scripts to automate build processes. Involved in writing and organizing Shell and Perl scripting for building complex software systems.
- Evaluate and help integrate specialized automation tools, scripts (Perl script, Bash script, Ruby, Python), and processes for the administration and performance monitoring of system.
- Formulated Java, C# and C++ Object Oriented codes and scripted PHP, JavaScript to develop applications. Deploying, testing and troubleshooting software products (Java | .NET) for customers.
- Configured and managed **Nagios for monitoring** over existing **AWS Cloud platform**. Build **Nagios** monitors for new services being deployed.
- Manage production and development environments; oversees Python scripting, CI/CD, and Cloud Amazon web services.

Role: Linux Engineer

Responsibilities:

- Designed and implemented Monitoring tools like Icinga, Hostmon for Metrics and Nagios for cluster monitoring and host-based monitoring.
- Installed and configured Nagios to constantly monitor network bandwidth, memory usage, and hard drive status. Wrote a python script to pull server records from the SiteScope Database and populate the Nagios host.cfg file.
- Responsible for technical solutions in the middleware environment supporting the configuration management and tuning of Java, Tomcat, and JBOSS applications running in a Unix/Linux environment. Involved in troubleshooting of Red Hat Linux server issues, hardware issues and replacements
- Extensively performed troubleshooting on various Red Hat Linux server issues, hardware issues and replacements. Installed, Deployed and configured Red Hat Enterprise Linux , also installed packages and patches for Red Hat Linux Servers.
- Hardening the OS using SELinux, iptables, rkhuntr to secure Linux Servers. Creating file systems using Volume Manager and performing health checks for all Linux servers.
- Installed, upgraded and configured Linux/Unix systems (Red Hat Linux 4.x, 5.x, and 6.x) using Kickstart Servers. Creating customized Kickstart profiles for each server and making ISO to build the server.
- Extensive experience in configure various concepts in LINUX/UNIX such as User, Group, SWAP, LVM, Cron Jobs, SUDO, Backup and Restore, YUM, RPM, LDOM Managing Services, Processes Kickstart and RHEL KVM, Cluster Service and RHEL Satellite
- Involved in Installation and Deployment of Red Hat Enterprise Linux , CentOS and Windows, also installed packages and patches for Red Hat Linux Servers.
- Configured and Installed SAMBA Server in Linux for accessing the shared files from the windows environment.
- Created and maintained Windows IIS Apppools and configured then through chef cookbooks.

Newmont Corporation, Hyderabad

January 2016 – August 2016

Role: Linux Administrator

Responsibilities:

- Worked on the installation and configuration of the monitoring tools like New Relic, Nagios and Zabbix.
- Used Nagios as a monitoring tool to identify and resolve infrastructure problems before they affect critical processes and worked on Nagios event handlers in case of an automatic restart of failed applications and services.
- Configure RAID mirroring on Linux platform.
- Have tested various Linux Environments in the Development/Test Stages to help create a better standardized environment and resolutions of any problems if any occurred.
- Used Linux CLI tools to achieve high performance of servers.
- Worked with configuration management tools like CF engine / Cobbler to configure LINUX Systems.
- Installed and managed Red Hat Linux using Kickstart and applying security policies for hardening the server based on the company policies.
- Installed and Re-installed Server Operating systems (Windows and Unix).
- Designed network for imaging computers with Windows Deployment Services and Active Directory.