Name: Yashwanth R

**Email id:** [yashwanth.devops11@gmail.com](mailto:yashwanth.devops11@gmail.com)

**Mobile: +1 469-498-0279**

**­­­­Professional Summary:**

* Successful IT Professional with **9 years** of experience in **DevOps**, **Cloud computing, System engineering, Build** and **Release Management**. Understands and manages the space between operations and development to quickly deliver code to customers. Has experience with the cloud, as well as DevOps Automation Development for Linux systems. Seeking a position in **DevOps**/**AWS** to contribute my technical knowledge.
* Experienced in **Linux** Administration, **Configuration Management**, **Continuous Integration (CI), Continuous Deployment,** and **Cloud** Implementations.
* Configuration Management using Amazon Cloud Formation, Continuous integration with **Jenkins**, **AWS** management (**EC2, EBS, RDS, Route 53**).
* Experience in AWS cloud platform and its features which includes **EC2, S3, VPC, EBS, ELB, IAM, AMI, SNS, RDS, Dynamo DB, Cloud Trial, Cloud Watch, ELB, EKS, Cloud Formation, Auto Scaling, Lambda, Route 53.**
* Expertise in Querying **RDBMS** such as **Oracle** and **MYSQL** by using **SQL** for Data integrity.
* Experience in execution of **XML**, **Ruby, Shell, Perl, Bash, PowerShell,** and **Python** scripts to automate tasks.
* Developed and maintained the Continuous Integration and Deployment systems using **GIT, Jenkins Maven, and Nexus.**
* Experience in Branching, Merging, Tagging, and maintaining the versions across the environments using **SCM** tools like **Sub Version** (**SVN**), **GIT** (**Git Hub**, **Git Lab**),CVS,bitbucket.
* Experience in **Amazon EC2** setting up instances and setting up security groups and creating AMI's on **Aws** for launching the instances.
* Implemented **Azure Storage**, **Azure SQL, Azure Services** and developing **Azure Web role**
* Used Windows Azure to deploy the application on the cloud and managed the session
* Experienced **Azure Active Directory**, **ADFS, Azure Active Directory Domain Service**, SSO and MFA and security.
* Exclusively used **Terraform** for the Deploying the Client Network business shared services through Gitops process.
* Experience migrating infrastructure and application from on premise to Azure and from Cloud to Cloud such as **AWS to Microsoft Azure and GCP**.
* Prepared capacity and architecture plan to create the **Azure** environment to host migrated IaaS VMs and PaaS role instances for refactored applications and databases.
* Configured **Azure Traffic Manager** to build routing for user traffic Infrastructure Migrations: Drive Operational efforts to migrate all legacy services to a fully virtualized Infrastructure.
* Experience in build tools like **MAVEN** to write **POM.XML** scripts.
* Hands on experience on deployment tools and Configuration management tools like **Ansible,chef and puppet.**
* Used **Ansible and Ansible Tower** as **Configuration management tool**, to automate repetitive tasks, quickly deploys critical applications, and proactively manages change.
* Extensive experienced in writing **Ansible** playbooks and Modules to automate our Build/deployment process and do an overall process improvement to any manual processes.
* Experience in working with container-based deployments using **Docker, Docker Images, Docker File**, **Docker Hub, Docker Compose and Docker Registries.**
* Experience with **Jenkins/Maven** deployment and build management system.
* Experienced on working with various OS like Linux **(Red hat, Ubuntu, CentOS)**, **UNIX, Windows**.
* Experience in cloud technologies like **AWS** in both windows and Linux environments.
* **Integration of Automated Build** with **Deployment Pipeline**. Installed **Ansible Control Server** to pick up the Build from **Jenkins** repository and deploy it in target environments **(Integration, QA, and Production).**
* Experienced in Maintaining **K8s Clusters** and managing docker containers across Worker nodes in K8s Clusters.
* Experience in **Openstack** services such as Compute, Network, Storage, Dashboard, Image, Monitoring and orchestration service.
* Launching and complete set up of **K8s Clusters** and responsible for maintaining its Infrastructure in ALL Cloud Services**, EKS, AKS, GKE** and performed operations through the respective CLIs as **AWS CLI, AZURE CLI and Google cloud SDK.**
* Experienced in trouble shooting and automated deployment to web and application servers like **WebLogic, Microsoft Azure, WebSphere and Tomcat over Aws Cloud**.
* Worked with Openshift redhat container platform for docker and Kubernetes to manage containerized apps using nodes,configmaps,node-selector,services and deployed app containers as pods.
* Experienced in ELK Stack (ElasticSearch, Logstash, Fluentd, Kibana) and Prometheus and Grafana for Logging and Monitoring Applications deployed in AWS and Azure K8s Clusters.
* Good understanding of OSI Model, **TCP/IP** protocol suite and experienced in handling Static IP entries creation in **DNS, DHCP** scope creation and performing backup of **DNS** and **DHCP** data.
* Used **JIRA** to keep track of all the ongoing tasks and maintain bug resolutions.

**Technical Skills:**

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| --- | --- |
| **Operating Systems** | Windows, UNIX, LINUX (Red Hat, CentOS, Ubuntu), Mac OS |
| **WEB/Application Servers** | Apache Tomcat, WebLogic, Tomcat, Jboss, Websphere |
| **Scripting** | Python, JSON, Ruby, YAML, CSS, HTML, Shell Scripting, Groovy scripting |
| **Databases** | MySQL, DynamoDB |
| **Configuration Management Tools** | Ansible, Chef, Terraform, Puppet |
| **Monitoring Tools** | Nagios, CloudWatch, ELK, Splunk, Prometheus and Grafana |
| **Build Tools** | MAVEN, ANT, Gradle, MSbuild |
| **Bug Tracking tools** | JIRA |
| **Continuous Integration Tool** | Jenkins, Azuredevops |
| **Containerization** | Docker, EKS, Openshift, Kubernetes, Rancher, AKS, GKE, K8s Clusters |
| **Version Control** | GIT, GITLAB, Bitbucket, SVN, CVS |
| **Cloud Platforms** | AWS (Amazon Web Services), Microsoft Azure, GCP |

**Professional Experience:**

**Cloud DevOps Engineer**

**Client: Symetra Financial, Bellevue, WA July 2022 - till date**

**Responsibilities:**

* Worked on launching **EC2 instances**, creating **security groups**, **auto-scaling**, **load balancing (ELBs)** in the defined virtual private connection.
* Implementing serverless architecture using API Gateway, AWS Lambda and Aurora Database.
* Writing python code for Automation of USPS address validation in AWS Lambda resource through Public API.
* Created a Lambda deployment function and configured it to receive events from S3 Buckets.
* Deploying AWS Lambda code from AWS S3 Buckets and providing permissions and policies.
* Working on **Cloud formation templates** for creation of lambda resource and also directing traffic to new environments from Route53 and to create custom sized VPC, subnets, NAT to ensure successful deployment of Web applications and database templates.
* Worked on Data migration from Onprem and Azure to AWS cloud by deploying ELK stack using gitops model by integrating terraform with Jenkins file parameterization.
* Deployed Client Network business related shared services by launching Transit gateway , VPCs by writing Terraform code and deploying using Harness.
* Automated Regular **AWS** tasks like creating snapshots of our EC2 instances using python scripts in **AWS** Lambda and Creating Event Bridges to trigger lambda function.
* Created and managed Cinder volumes in OpenStack cloud and implemented horizontal scaling on open stack.
* Performed monitoring running stacks with events and resources on OpenStack cloud.
* Creating Step functions after a file store in s3 bucket and through the Filter set up in file, a step function is going to trigger after a body is created by Lambda resource in a particular virtual environment.
* Storing the MySQL DB file and converting the data files to Aurora DB and providing the update to step functions back through a public API.
* Deployed Few of the Applications required deployments in EKS clusters by configuring build with parameters in our old Jenkins and templatized by reference from Groovy scripts.
* Converting the MySQL DB file to Aurora DB through spinning up ECR containers in each stage to process the Data.
* Few of our applications are in Continuous Integration and continuous delivery to perform developments in Openstack.
* Executing Roles in Swift Cloud AWS accounts through setting up permission boundaries for services like EC2, Lambda, Glue, RDS instances in Cloud formation yaml files and storing them in Repos.
* Maintaining All the source code and CloudFormation templates in Main branch and storing them in Azure DevOps repositories and deploying the applications in serverless deployments using azure DevOps pipelines in different virtual environments in different stages.

**Environment:** Aws (EC2, VPC, ELB, S3, RDS, Cloud Trail, EBS, IAM, CloudWatch, Event Bridges, AWS Lambda, API Gateway, Route 53, Cloud Formation, Aurora DB, MySQL, Aws CLI, Aws Auto Scaling and Route 53), Linux, Azure DevOps, ECR, ECS, EKS,Docker, Kubernetes,Terraform, Openstack, Shell, Python.

**DevOps Engineer**

**Client: US Bank, San Francisco, CA August 2021- June 2022 Responsibilities:**

* Worked on launching **EC2 instances**, creating **security groups**, **auto-scaling**, **load balancing (ELBs)** in the defined virtual private connection.
* Worked on Auto scaling, Cloud Watch (monitoring), **AWS** Elastic Beanstalk (app deployments), Amazon S3 (storage) and Amazon EBS.
* Provisioned **AWS S3** buckets for application backup. Used Terraform to provision instances on **AWS**.
* Worked on **Auto Scaling** for providing high availability of applications and **EC2 instances** based on the load on the instances hosting the applications by using **Cloud Watch** in AWS..
* Worked on **EC2**, **S3**, **ELB**, **EKS, Autoscaling Servers**, **Glacier**, Storage Lifecycle rules, **Elastic Beanstalk**, **Cloud Formation**, **Cloud Front**, **RDS**, **VPC**, **Route 53**, **Cloud watch**, **IAM**, **SNS** subscription service**.**
* Understanding of secure-cloud configuration, (**CloudTrail**, **AWS Config**), cloud technologies (**VPC**, **Security Groups**, etc.) and cloud access-control systems (**IAM**).
* Experience in Private Cloud and Hybrid cloud configurations, patterns, and practices in **Windows Azure** and **SQL Azure** and **in Azure web and database deployments**.
* Building and Installing servers through **Azure Resource Manager Templates (ARM).**
* Work with Ansible Automation to create infrastructure and deploy application code changes autonomously.
* Setup **Azure Virtual Appliances (VMs)** to meet security requirements as software-based appliance functions **(firewall, WAN optimization and intrusion detections)**.
* Worked as an administrator on **Microsoft Azure** and part of DevOps Team for internal projects automation and build configuration management. Involved in configuring **virtual machines, storage accounts, and resource groups**.
* Gained experience in dealing with **Windows Azure IaaS - Virtual Networks, Virtual Machines, Cloud Services, Resource Groups, Express Route, Traffic Manager, VPN, Load Balancing, Application Gateways, Auto-Scaling**.
* Deploying a DC/OS cluster with **ACS** and **containerized applications**.
* Deploying clusters, custom clusters and extending the **ACS- Engine**. Deploy **ACS cluster** into resource group using cli.
* Deploying a **K8s Clusters** with **ACS from the Azure CLI.**
* Configured VM's availability sets using Azure portal to provide resiliency for IaaS based solution and scale sets using **Azure Resource Manager** to manage network traffic.
* Aligned **Azure** and **Google Cloud Platform** capabilities and services with workload requirements.
* Experienced with deployments, Maintenance and troubleshooting applications on Microsoft Cloud infrastructure **AZURE.**
* Exposed Virtual machines and cloud services in the **VNets** to the Internet using External Load Balancer.
* Extensive experience in **Windows AZURE (IaaS**) migrating like creating **AZURE VMs**, storage accounts, VHDs, storage pools, migrating on premise servers to AZURE and creating availability sets in AZURE.
* Used Google cloud **IAM** to set up user roles with corresponding user and group and wrote their policies in **JSON**.
* Managed the Openshift cluster that includes scaling up and down the aws app nodes.
* Configured and deployed **GITLAB** repositories with branching, forking, tagging and merge requests.
* Experience with **Jenkins** administration, backups and plugins. Using master slave configuration, I maintained various jobs in **Jenkins** and supported development teams.
* Written Groovy scripts from scratch for future deployments in Kubernetes clusters through Jenkins.
* Performed Templatization in **Jenkins files** by reference from **Groovy Scripts** and configured Jenkins build with parameters and performed automation and deployed ELK stack in Rancher Kubernetes.
* Configured **Jenkins Pipeline** to automate build process to create artifacts and execute unit tests as part of the build process and scanned using **Twist lock, Fortify, Black duck stages** and integrated the process with SonarQube for code quality analysis and generating coverage reports and test reports.
* Experience in IaaS managing. Managed Google Cloud Platform (**GCP**) infrastructure with **Ansible,** an automation and configuration management tool**.**
* Worked on GKE clusters by installing **Google cloud SDK** in my Local and performed tasks on **compute engines** and **GKE**.
* Provisioned Ec2 instances through configuring Ansible playbooks in Openstack cloud.
* Created Role sets in GCP and GKE via Google cloud SDK. Created GKE Node pools, Namespaces and deployment of docker- registry on each namespace and deployed pod security policy at cluster level.
* Currently using **Recreate Deployment Strategy** adopted by **GKE Clusters.**
* Monthly Docker image hardening activities for base images and security tools and creating application image on top of base image and rebuilding security tools and using the newly build docker image in init templates in cluster-config git repo and redeploying into GKE clusters.
* Used **Ansible** server and workstation to manage deployments, wrote **Ansible** Playbooks in **YAML**.
* Written **Terraform** Scripts to deploy applications as compute engines using git-ops flow.
* Worked on creating multi-image **Docker Files** for generating customized docker image for specific applications.
* Launching and complete set up of **K8s Clusters** and responsible for maintaining its Infrastructure in ALL Cloud Services**, EKS, AKS, GKE** and performed operations through the respective CLIs as **AWS CLI, AZURE CLI and Google cloud SDK.**
* Virtualized the servers using **Docker** containers for the test environments and dev-environments needs. Built custom Docker images by writing **Docker file** and pushed them to **Container Registry.**
* Used **Rancher-Kubernetes** to orchestrate the deployment, scaling, and management of Docker containers.
* Hands on Experience in working with Google GKE, K8s Cluster, worker etc.
* Used mTLS in Kubernetes with ISTIO and Integrated Vault to GKE using Jenkins and Gitlab.
* Monitored Applications using ELK Stack integrated with GKE clusters by Templatizing Jenkins file with environments and configurations of deployment file and deployed those applications using Jenkins and then monitored.
* Launched Complete Infrastructure and Service monitoring using Prometheus and Grafana.
* Created Scripts for system administration and **GCP** using languages using scripting languages like **Python** and **shell scripting** (**Bash**)**.**

**Environment:** Aws (EC2, VPC, ELB, S3, RDS, Cloud Trail, EBS, IAM, CloudWatch, Cloud Formation, Aws CLI, Aws Auto Scaling and Route 53), Linux, Jenkins, Groovy Scripting, Ansible, Docker, Kubernetes, Terraform, Shell, Ruby, Python, GIT, ELK Stack, GCP, GKE ISTIO, Azure, Openstack, VMs, Storage accounts, resource groups, VNETs, ACS, AKS clusters, K8s Clusters, Prometheus and Grafana.

**DevOps Engineer**

**Client: Paypal, San Jose, CA July 2020- July 2021**

**Responsibilities:**

* Built servers in **AWS**, importing volumes, launching **EC2 instances**, creating **security groups**, **auto-scaling**, **load balancing (ELBs)** in the defined virtual private connection.
* Worked on Auto scaling, Cloud Watch (monitoring), **AWS** Elastic Beanstalk (app deployments), Amazon S3 (storage) and Amazon EBS.
* Provisioned **AWS S3** buckets for application backup. Used Terraform to provision instances on **AWS**.
* Worked on **Auto Scaling** for providing high availability of applications and **EC2 instances** based on the load on the instances hosting the applications by using **Cloud Watch** in AWS.
* Used **AWS CLI** to create new instance and to manage the existing instances.
* Worked on **EC2**, **S3**, **ELB**, **EKS, Autoscaling Servers**, **Glacier**, Storage Lifecycle rules, **Elastic Beanstalk**, **Cloud Formation**, **Cloud Front**, **RDS**, **VPC**, **Route 53**, **Cloud watch**, **IAM**, **SNS** subscription service**.**
* Automated Regular **AWS** tasks like, creating snapshots of our EC2 instances using python scripts in **AWS** Lambda.
* Understanding of secure-cloud configuration, (**CloudTrail**, **AWS Config**), cloud technologies (**VPC**, **Security Groups**, etc.) and cloud access-control systems (**IAM**).
* Used **IAM** to set up user roles with corresponding user and group and wrote their policies in **JSON**.
* Configured and deployed **GIT** repositories with branching, forking, tagging and merge requests.
* Experience with **Jenkins** administration, backups and plugins. Using master slave configuration, I maintained various jobs in **Jenkins** and supported development teams.
* Configured **Jenkins** jobs to automate build process to create artifacts and execute unit tests as part of the build process. Integrated the process with Sonar for code quality analysis.
* Experience in IaaS managing. Managed Amazon Web Services (**AWS**) infrastructure with **Ansible,** an automation and configuration management tool**.**
* Used **Ansible** server and workstation to manage deployments, wrote **Ansible** Playbooks in **YAML**.
* Involved in using **Terraform** to migrate legacy and monolithic systems to Amazon Web Services.
* Worked on creating **Docker** consoles for managing the application life cycle.
* Virtualized the servers using **Docker** containers for the test environments and dev-environments needs.Built custom Docker images by writing **Docker file** and pushed them to **ECR**.
* Used **Kubernetes** to orchestrate the deployment, scaling and management of Docker containers.
* Hands on Experience in working with Amazon **EKS**, K8s clusters, worker Nodes etc.
* Configured **Nagios** to monitor **EC2** Linux instances with **Ansible** automation.
* Created different dashboards for response times and failure rates using business transactions  
  of multiple applications in **Nagios.**
* Created Scripts for system administration and **AWS** using languages using scripting languages like **Python** and **shell scripting** (**Bash**)**.**
* Provided periodic feedback on status and scheduling issues to the management.

**Environment:** Aws (EC2, VPC, ELB, S3, RDS, Cloud Trail, EBS, IAM, CloudWatch, Cloud Formation, Aws CLI, Aws Auto Scaling and Route 53), Linux, Jenkins, Ansible, Docker, Kubernetes, Terraform, Shell, Ruby, Python, GIT.

**DevOps Engineer**

**Client: Verizon, Irving, TX Jan 2019 – June 2020**

**Responsibilities:**

* Used **AWS** Cloud watch as a monitoring tool.
* Designed, configured and managed public/private cloud infrastructures using **Amazon Web Services (AWS),** which includes **VPC, EC2, S3, Internet gateway (IGW), NAT gateway, Cloud Trial, Cloud watch, ELB, Lambda.**
* Created alarms in **CloudWatch** service for monitoring the server performance, CPU Utilization, disk usage.
* Utilized **Cloud Formation** by creating DevOps process for consistent and reliable deployment methodology.
* Managed **AWS** cloud and migrating applications to the **Amazon Cloud**.
* Designed **AWS Cloud Formation** templates to create custom sized VPC, subnets, NAT to ensure successful deployment of Web applications and database templates.
* Managed **SVN/GIT** repositories for branching, merging, and tagging of the source code.
* Created snapshots and **Amazon machine images** (**AMIs**) of the instances for backup and to use them for cloning new(similar) instances.
* Worked with software Build automation and standardization tools like **Maven.**
* Used **Nexus** as an artifact repository to store artifacts like WAR, JAR files.
* Managed **Maven** project dependencies by creating parent-child relationships between projects.
* Initiated Regular Build jobs using the Continuous Integration tool, **Jenkins.**
* Installed several plugins in **Jenkins** to integrate multiple tools required for the implementing our projects.
* Used the concept of upstream and downstream jobs in **Jenkins** and Created **Continuous Integration** and **Continuous Delivery** Pipelines for the build and deployment process.
* Deploying configurations using **Ansible Control Server** across development servers, which are implemented using AWS **EC2** instances service.
* Worked with **Terraform** to access AWS components like EC2, IAM, VPC, ELB, Security groups. Used S3 for **Terraform** state management.
* Configured RDS instances using **Cloud Formations** and **Terraform.**
* Wrote **Ansible** playbooks for software and hardware provisioning, using YAML.
* Experience working with **Docker** containers, **Kubernetes**, running/managing containers, container snapshots and managing images.
* Familiar with container orchestration using **Kubernetes**.
* Managed **Kubernetes** charts using helm and reproduced builds of the **Kubernetes** applications, managed **K8s Clusters.**
* Configured SSL (Secure Sockets Layer) and obtained digital certificates, private key for WebLogic server to provide secure connections in **Nagios.**
* Created and wrote **shell** (**Bash**), **Ruby**, **Python** and **PowerShell scripts** for setting up Baselines, branching, merging and automation process across the environments using SCM tools like GIT, SVN on Windows and Linux platforms.

**Environment:** GIT, Maven, Ansible, Jenkins, Docker, Kubernetes, Nagios, Artifactory, AWS Cloud Watch, RDS, Unix, EC2, AMI, Route 53, S3, Ruby, Shell Scripts, ELK, Lambda and Cloud Watch, Auto Scaling, Python.

**DevOps Engineer**

**Client: American Express, Phoenix, AZ March 2017 – December 2018**

**Responsibilities:**

* Developed and maintained a production-level cloud-based architecture in **AWS,** including creating machine images like AMI and helped migrating and managing multiple applications from on premise to cloud using **AWS** services like **S3, Glacier, EC2, RDS, SQS, SNS, SES.**
* Used Cloud Front to deliver content from AWS edge locations to users, allowing for further reduction of load on front-end server.
* Implemented Cloud Formation Template which supports infrastructure needs of many different types of applications such as existing enterprise applications, legacy applications, applications built using a variety of **AWS** resources and for configuring the **CD pipeline.**
* Configured, supported and maintained all network, firewall, storage, load balancers, operating systems, and software in **AWS EC2** and Created detailed AWS Security groups which behaved as virtual firewalls that controlled the traffic allowed reaching one or more **AWS EC2** instances.
* Develop automation code using Opscode Chef and Python to build **OA, UAT** and production environments autonomously and Test automation code in virtual environments and with testing tools such as Test Kitchen and Chef Spec.
* Implemented Terraform modules for deployment of various applications across multiple cloud providers and managing infrastructure.
* Create **Chef coding** best practices for existing development team and Create documentation for Chef best practices to be used by developers as a guide to Chef Automation.
* Enforcing Test Driven Development **(TDD)** approach for writing Chef Cookbook using **Test-kitchen, Vagrant, Food Critic and Chef Spec**.
* Developed Chef Cookbooks, recipes, roles and data bags to automate the services related to deployment.
* Installed and Configured **Jenkins for CI/Automation tool.**
* Deploy and monitor AWS resources **(EC2, VPC, ELB, S3, RDS)** using Chef and Terraform. Git repositories branch workflows for PR’s. Test Chef Cookbook.
* Responsible for User Management, Plugin Management and END-END automation of Build and Deploy using Jenkins.
* Used Continuous Integration tool Jenkins to automate build and deployment process.
* Configured Jenkins daily periodic backups for Jenkins Config and plugins files and Integrated Jenkins Build pipeline plugin for managing multi project jobs efficiently.
* Provided authorization to Jenkins for the users in the organization and integrated **JIRA** with the Jenkins to visualize the Issues.
* Configured SonarQube code quality tool and integrated with Jenkins to check the integrity of code.
* Installed, configured and administered Docker to setup different environments Dev, Test, Qa and Prod.
* Managed Version control tool **GIT** to version code changes to help developers /programmers branch/merge/revert code.
* Implemented Continuous Integration using **Jenkins and GIT.**
* Created customized Docker images and deployments on **Docker** containers.
* Installed **Docker-Registry** for upload/download of Docker images; worked on Docker-Compose & **Docker-Machine.**
* Used Docker Compose for running multiple containers.
* Managed cluster of containers using **Docker Swarm.**
* Worked on Docker container snapshots, attaching to a running container, removing images, managing directory structures and containers.
* Virtualized the servers using the Docker for the test and develop environment needs.
* Creating from scratch a new continuous integration stack based on Docker and Jenkins, allowing transition from develop stations to test servers easily and seamlessly.
* Containerized applications such as **Postgres SQL, Nginx.**
* Deployed Docker containers on **AWS and Rackspace.**
* Executed the DB Scripts (DML), which has dependencies on the code on **Oracle DB.**
* Documented the deployment process (Migration Doc) of code to production.
* Successfully managed a Proof-of-concept initiative to integrate Continuous Integration tool **Jenkins and JIRA.**

**Environment**: AWS, GIT, Jenkins, chef, Maven, Python, JIRA, Shell Scripts, XML, UNIX, Linux, Splunk, Perl, Mod-Perl, Tomcat, PowerShell, Docker and Oracle.

**Build and Release Engineer**

**Client: Augusta soft sol, Hyderabad, India July 2015– November 2016**

**Responsibilities:**

* Used **Shell scripting** and **Jenkins** to automate deployment of artifacts into **WebLogic.**
* Perform various builds for the Development, QA, Staging and Production environment.
* Installed and configured **Red Hat Enterprise Linux, Apache, MySQL** using **VMware.**
* Deployed various applications (WAR and EAR) into web application server.
* Experience in Troubleshooting hardware, Network, Storage, File system issues, Application Bottlenecks, System recovery, Crash Dump Analysis and TCP/IP, DNS, SMTP in Linux and Solaris servers.
* Used **SVN** for version controlling and managing various projects.
* Installed and configured HTTP, TFTP, DHCP, DNS, mail (SMTP, IMAP, POP3), and **SSH** on Linux servers..
* Configured clients on server tests and troubleshoot for maintaining network and data security.
* Performed kernel and memory upgrades on Linux **servers** in Virtual environment.
* Responsible for **Continuous Integration** and (**CI**) and **Continuous Delivery** (**CD**) process implementation using **Jenkins.**
* Implemented **Maven** build for creating JAR, WAR and EAR artifact.
* Developed build and deployment scripts using **MAVEN** as a build tool in Jenkins **CI/CD** pipeline.
* Configured **Jenkins control server, Jenkins nodes**, creating required Shell scripts and creating and configuring VMs (Windows/Linux).
* Used **Jenkins** for the continuous integration and deployment into **TOMCAT** servers.
* Worked on Tomcat Web Server for hosting web apps.
* Performed Branching, Tagging and release activities on version controls SVN and GIT.
* Wrote **Chef** Cookbook, recipes to automate installation of Middleware Infrastructure like Apache tomcat, jdk, and configuration tasks for new environments etc.
* Installed **Docker** using Docker toolbox and worked on creating the Docker containers for managing application life.
* Automated **Nagios** services for database server, webserver, application-server, networks, file size, RAM utilization and Disk performances using Python script in Chef.
* Managed Environments DEV, QA, UAT and PROD for various releases and designed instance strategies.
* Performed SQL queries on databases to address connectivity and integration activities.
* Implementing a Continuous Delivery framework using Jenkins, Chef, and Maven & Nexus in RHEL 6.x environment.

**Environment:** Windows, VMware, RHEL, CentOS, YUM, RPM, Apache, Shell Scripting, Firewalls, SVN, ANT, Maven, Jenkins, Git, WebLogic, UNIX, Docker, Chef, Nagios, Middleware

**Linux Administrator**

**Client: Value Labs, Hyderabad, India June 2014 – June 2015**

**Responsibilities:**

* Experience with Build & Release of applications and writing automation scripts.
* Worked closely with Development team in the design phase and developed Use Case diagrams.
* Automated the Build and Deployment environment end -to-end using Maven and Jenkins.
* Involved in editing the existing MAVEN files in case of errors or changes in the project requirements.
* Implemented and maintained the branching and build/release strategies utilizing Subversion (SVN) and GIT.
* Documented release builds and source control procedures and plans.
* Responsible for troubleshooting and resolving build and deployment issues.
* Written shell scripts to take automatic backup every day.
* Built and Deployed to a web application server in an agile continuous integration environment and automated the whole process.
* Used ANT and Maven as build tools on Java project for the development of build artifacts on the source code.
* Automated the Build and Release management process including monitoring changes between releases.
* Used Shell scripting and Jenkins to automate deployment of artifacts into WebLogic.
* Perform various builds for the Development, QA, Staging and Production environment.
* Deployed various applications (WAR and EAR) into web application server.
* Experience in Troubleshooting hardware, Network, Storage, File system issues, Application Bottlenecks, System recovery, Crash Dump Analysis and TCP/IP, DNS, SMTP in Linux and Solaris servers.
* Used SVN for version controlling and managing various projects.
* Monitoring and troubleshooting Network, Linux and Windows servers.

**Environment:** Windows, VMware, RHEL, CentOS, YUM, RPM, Apache, Shell Scripting, Firewalls, SVN, ANT, Maven, Jenkins, Git, WebLogic,UNIX.

**Education:**

Bachelor of Technology in Computer Science and Engineering – JNTU Hyderabad.

Master of science in Computer Science from Texas A& M University.