**Professional Summary:**

* 10 years of IT Industry Experience in WebLogic Administration, Configuration Management, Continuous Integration, Continuous Deployment and Cloud Implementations.
* 6 years of Experience in Implementing Organization DevOps strategy in various environments of Linux and windows servers along with adopting cloud strategies based on Amazon Web Services.
* Hands on experience on Terraform a tool for building, changing, and versioning infrastructure safely and efficiently.
* Experience in writing Terraform templates to deploy infrastructure on a cloud with EC2, ELB and SGs in JSON.
* Experienced in DevOps Environment as a DevOps engineer working on various technologies and applications like CHEF, GIT, SVN, Jenkins, SonarQube, Docker, AWS, and Maven.
* Experienced in hosting and deploying applications by using WebSphere Application Servers.
* Infrastructure automation with chef, and Linux system administration. In-depth experience in developing and supporting both production and development environments.
* Experienced in installing, configuring, modifying, testing and deploying applications on Apache Webserver, Nginx and Application Servers such as Tomcat, JBoss
* Designed highly available, cost effective and fault tolerant systems using multiple EC2 instances, Auto Scaling, Elastic Load Balance and AMIs.
* Utilized Cloud Watch to monitor resources such as EC2, CPU memory, Amazon RDS services, EBS volumes, to set alarms for notification or automated actions and to monitor logs for a better understanding and operation of the system.
* Experience in IP networking, VPN's, DNS, load balancing and firewalling.
* Built multi-zone and multi-region architectures.
* Good Exposure on Virtualization and Containers (Docker) and Hypervisors ESXI, ESX.
* Expertise in DevOps, Release Engineering, Configuration Management, Cloud Infrastructure, and Automation. It includes Amazon Web Services (AWS), Ant, Maven, Jenkins, Chef, SVN, GIT, GitHub.
* Monitoring/Alerting tools such as Nagios.
* Experienced in AWS Cloud platform and its features which includes Amazon AWS Cloud Administration which includes services like: EC2, S3, EBS, VPC, Elastic IP, ELB, AMI, RDS, IAM, SNS,SQS, ELASTIC BEANSTALK, Route 53, Auto scaling,Glacier, LAMBDA, Cloud Front, Cloud Watch, Cloud Trail, Cloud Formation, OPS Work, Security Groups, RDS.
* Experienced with event-driven and scheduled AWS Lambda functions to trigger various AWSresources.
* Experience in configuring Build Pipeline in Jenkins.
* Integration of Git Hub Web Hooks for triggering Jenkins Build Job.
* Experienced in working with ticketing and tracking tools such as Jira, Remedy and ServiceNow. Experienced in confluence tool for documentation.
* Automate deployment and provisioning of applications via Puppet (create/update manifests and artifact repository).
* Involved in performance tuning of JVM by analyzing garbage collection matrix.
* Deployed Puppet, Puppet Dashboard and PuppetDB for configuration management to existing infrastructure.
* Experience working Data Center’s managing Servers, SAN and NAS devices like HP, Cisco, Brocade, EMC and HDS devices.
* Administration of Production, Development and Test environment’s carrying Windows, Ubuntu, Red Hat Linux, SUSE Linux, Centos and Solaris servers. Experience supporting Chef Environment with 200+ servers and involved in developing recipes.
* Full understanding of SDLC, RUP, Agile Methodologies and process.
* Extensively used Docker for virtualization, run, ship, and deploy the application securely to fasten the build/release engineering.
* Experience in Creating and Managing Docker containers and Volumes.
* Experience into Docker Swarm.
* Good understanding of Docker Storage Drivers and Docker Networks.
* Creating and managing user accounts, system security, performance tuning, change management, documents and procedures on Linux.
* Experience in installing, troubleshooting and performance tuning of various application servers/clients like Web Logic, Tomcat, Apache, and JBoss.
* Ability to write & debug Shell Scripts using ksh & bash. Hands-on experience in solving day-to-day operational issues. Resolution of technical issues on system integration and support; Extensive experience in software packaging, patch installations and security patching.
* Created infrastructure in a coded manner (infrastructure as code) using Puppet, Chef and Ansible for configuration management of virtual environments, and Vagrant for virtual machine and resource control.
* Automated the process of installation, configuration of the web application servers like WebSphere/WebLogic/ApacheTomcat/JBOSS using Ansible / Chef /Puppet .
* Specialist in automation (writing Shell & Perl scripts) to monitor UNIX production applications.
* Experience in Load Balancing Linux systems by Linux Virtual Server (LVS) for High Performance and High Availability of Linux clustering Technology.
* Strong Experience as Production support engineer providing 24/7 tier1 tier2 technical support for middleware application servers.

**EDUCATION:**

Bachelor’s in Electronics and Communications -Andhra University Vizag, India - *Graduated 2010*

Masters in Electrical Engineering- Texas A & M University- Graduated 2012

**SKILLS:**

* **Cloud Computing** : AWS (EC2, ELB, S3, IAM, Cloud Watch, Cloud Trail, Redshift, RDS, Route 53

AWS Glue, AWS Kinesis, AWS Quick sight, DynamoDB, Cloud Formation etc.

* **CI Tools** : Jenkins -Hudson, TeamCity, Bamboo, Cruise Control
* **Build Tools** : ANT, MAVEN, Gradle, Sonar, Build forge, Nexus, Docker
* **Config. Mgmt /Provisioning** : Chef, Puppet, Ansible, Salt stack.
* **Web Services and Cloud Technologies** : SOAP, REST, WSDL, UDDI, AWS Cloud
* **Databases** : Oracle 11g/10g/9i/8i, SQL Server, DB2, MS-Access, DynamoDB, Redshift
* **App/Web Servers** : Weblogic8.1/11g, Jboss, Apache, Webspherev8.5, Tomcat4.1/5.5/5.6/7.0
* **Software Engineering** : Agile, Rational Unified Process, Test Driven Development
* **Scripting languages** : Java Script, Bash Script, Shell Script,Python, JSON
* **Version Control** : Git (Git Lab and Bit Bucket), SVN
* **Environments** : UNIX, Red Hat Linux, Windows 2000, Windows NT 4.0, Windows XP.

**Professional Experience**

**CIGNA, Bloomfield, CT Jan** *2023 – Till present*

**DevOps Engineer**

**Responsibilities:**

* Designed CI/CD processes in the context of a Jenkins orchestration, including the usage of automated build, test/QA and deployment tools.
* Configure jobs and pipelines using Jenkins. Troubleshoot problems arising from Build failures and Test failures.
* Used GIT as source code management tool, setup push pull events to invoke builds, automation test cases from Jenkins etc.,
* Writing inventory files, ansible configuration files and Creating playbooks in Ansible for configuration and Deployment activities.
* Automating AWS cloud deployments using Shell script and Ansible configuring packages, services using Ansible modules like yum, service, templates, handlers and register etc.
* Installation of Docker using toolbox & creation of custom Docker container images, tagging and pushing the images.
* Provided consistent environment using EKS Kubernetes for deployment scaling and load balancing to the application from dev through production, easing the code development and deployment pipeline by implementing Docker containerization with multiple namespace.
* Defined the specifications of the Kubernetes job, including the container image, command, arguments, resource requirements, and other parameters
* Implemented Kubernetes to manage containerized applications using its nodes, Configuring Maps, selector services and deployed application containers as Pods.
* Developed Python and shell scripts for automation of the build and release process.
* Implementing and configuring network services such as TCP/IP, HTTP, DHCP, and TFTP.
* Installed and configured DHCP, DNS, web Server, mail (SMTP, IMAP, POP3), and file servers on Linux servers.
* Configuration like assigning IP addresses, configuring network interfaces, assigning static routes, hostnames etc.
* Managed the development activities for the multiple server instances by enabling password less SSH communication between these.
* Provisioning and configuring EKS clusters, including setting up networking, security, and access controls. Managing the lifecycle of clusters, such as scaling, upgrades, and patching.
* Implementing monitoring and logging solutions to track the health and performance of EKS clusters and applications running on them. Troubleshooting issues related to cluster stability, networking, container runtime, and application deployment.
* Converted the DataModel for Mapping from SQL Server to TerraData Vantage
* Troubleshooting the issue for Foreign Keys while recreating the tables in TerraData Vantage.
* Written the code to handle foreign key constraints relationship between parent and child tables.
* On successful creation of the tables loading the data from zip file using AWS Glue Job.
* Transferring to Develop, test and Prod Environments after resolving the issues in feature branch.
* Troubleshooted the AWS Glue Jobs for Extract and load Jobs for Big Injection of zip files from S3 Buckets.
* Used Akamai as CDN Tool to support Edge Caches and Origins.
* Provisioned the highly available EC2 Instances using Terraform and cloud formation and wrote new plugins to support new functionality in Terraform.
* Configuring and managing DataDog's monitoring and alerting tools to ensure the availability, performance, and health of systems, applications, and infrastructure. This involves setting up monitors, defining thresholds, and designing alerting strategies.
* Utilizing DataDog to monitor and analyze infrastructure components such as servers, networks, databases, containers, and cloud resources. This involves collecting and visualizing metrics, logs, and traces to identify performance bottlenecks, troubleshoot issues, and optimize resource utilization.

**Environment:** AWS VPC, Lambda, Elasticsearch, Kinesis, Athena, CloudWatch, Familiarity with other logging and monitoring tools like ELK (Elasticsearch, Logstash, Kibana) stack, Splunk, AWS CloudFormation, AWS Glue, Windows Server 2012 R2, Dynamo DB,NoSQL, AWS CodeCommit, AWS, VPC, CodeBuild ,EKS, Ansible, Terraform etc.

**Merck Pharmacuetical, Rahway , NJ** *April 2022 – Dec 2022*

**AWS DevOps Engineer**

**Responsibilities:**

* Developed Terraform Modules for AWS Components like Amazon MQ, Route53, Resolver Inbound, EC2 instances.
* Created A and CNAME Type records in Route53 and Created Private Hosted zones to route traffic from On-Prem Datacenter.
* Created Snapshots and resized the root volume for the EC2 instances.
* Configured Various Load Balancer for the application in AWS.
* Leveraging AWS technologies such as Amazon EMR, Amazon S3, Amazon Redshift and Amazon Athena for data lake operations.
* Developing scripts and automation to manage data lake operations.
* Used Kubernetes controller continuously monitors the job and its associated pods.Used the controller to create and scale pods as needed to execute the job tasks.
* Monitored the status and progress of the job using Kubernetes monitoring tools or external monitoring systems. Collected and analyze logs generated by the job's pods to troubleshoot issues, understand job performance, and gain insights into application behavior.
* Creating and managing data lake catalogs and metadata.
* Deploying apps and services on AWS Cloud using Configuration Management tool Ansible.
* Managing AWS Subscriptions and IAM “Identity and Access Management”
* Write Ansible playbooks/roles to manage the configuration on different environments.
* Deploy Docker Engines in Virtualized Platforms for containerization of multiple applications.
* Excellent in Setting up monitoring tools like Nagios and Amazon Cloud watch to monitor major metrics like Network packets, CPU utilization, Load Balancer Latency.
* Responsible in writing Ansible scripts and Shell, Python scripting.
* Deployed and configured GIT repositories with branching, tagging, merge requests, and notifications.
* Coordinate/assist developers with establishing and applying appropriate branching, labeling/naming conventions using GIT source control.
* Involved in automating the backup/project builds jobs using Jenkins.
* Monitoring Jenkins builds, diagnose the build failures and work with the concern engineers to debug the issue.
* Ensure the documentation when there is a change on any environment.
* Co-ordinate service calls and requests with different teams.
* Coordinating the teams throughout entire release cycle.
* Ensured the security of the job and its associated resources. This includes securing the container images, applying appropriate access controls and RBAC (Role-Based Access Control) policies, enabling network policies, and following security best practices to protect sensitive data within the job.
* Managing all levels of AWS infra services within client’s environment which consist of live, staging, qa environments.
* Assist in server and network administration in on-premises datacenter and Amazon cloud
* Ensuring the security of EKS clusters by implementing best practices for network security, identity and access management (IAM), and encryption. Configuring role-based access control (RBAC) and managing authentication and authorization mechanisms.
* Merging or conflict resolution activities between multiple branches on GIT. Supporting the SCM tools like GIT on LINUX environment.
* Setting up and maintaining automated pipeline scripts in Jenkins.
* Implementing DataDog's application monitoring solutions to gain insights into the performance, errors, and latency of applications. This involves instrumenting code, configuring application-specific metrics, and utilizing APM (Application Performance Monitoring) features.
* Designing and developing custom dashboards in DataDog to provide real-time visibility into system and application metrics. This includes aggregating relevant metrics, visualizing data using charts and graphs, and organizing dashboards for different stakeholders.
* Collaborating with cross-functional teams to investigate and resolve incidents, outages, and performance issues. Utilizing DataDog's monitoring data and integrations, you would help identify the root cause, perform root cause analysis, and suggest remediation actions.
* Integrating DataDog with various systems, tools, and platforms to enable automated monitoring and data collection. This involves utilizing APIs, writing scripts or automation code, and working with infrastructure-as-code (IaC) tools like Terraform or Ansible.
* Created Ansible playbooks to automate Infrastructure services.
* Configuring and setting up monitoring of on-boarded client’s infra through IPcenter, Prometheus.
* Configuring infra with monitoring tools to pull metrics to insight, real time & historical performance and other data analysis reports which helps in trend analysis and growth planning.

**Environment:** Amazon S3, Amazon RDS, AWS Lambda, Amazon IAM, Amazon EC2,Amazon SNS, Amazon SQS, Amazon CloudWatch, AWS CloudFormation, Redshift, Dynamo DB,NoSQL, AWS CodeCommit, AWS VPC, CodeBuild, Jdk1.7, Tomcat, Jenkins , Maven, Shell Scripts, Python, Perl, UNIX/ Linux environment, Jira, GIT, MySQL.

**Citizens Bank, Johnston, RI** *Dec 2020 – Mar 2022*

**DevOps Engineer**

**Responsibilities:**

* Assist with development and implementation of DevOps SRE solutions for large scale distributed web applications across multiple tiers and data centers
* Web application performance baselining, analysis, tuning, capacity planning and demand forecasting\
* Building new server images, deploying and migrating production systems, and tuning configurations to improve application performance
* Help us define, transition to, and grow a Site Reliability Engineering model
* Meet availability SLAs for the services your squad owns, contributing directly to Spotify global availability
* Experience in building CICD pipeline with AWS Codepipeline, Codedeploy etc
* Written CloudFormation templates to deploy AWS resources.
* Using Docker, Jenkins, VMWare, RHEL, Satellite, OpenShift, Kubernetes, Artifactory, Ansible & GitLab
* Integrates with the OpenShift platform to put the ability to create, edit and deploy applications
* OpenShift provides an immutable, container-based platform based on Docker to deploy and run applications and microservices
* Provided the solutions to migrate on-premise infrastructure to cloud.
* Provided solutions for optimizing existing cloud architecture in terms of resource and cost.
* Proposed the architecture and implement the same in cloud
* Integrating EKS clusters into CI/CD pipelines to automate application deployment, testing, and release processes. Working with tools like Jenkins, GitLab, or AWS CodePipeline for seamless delivery of containerized applications.
* Implemented different cloud resources (AWS) using CloudFormation and Terraform.
* Created RDS service in Multi-AZ mode for auto failover and High availability where I have also configured autoscaling in read replica and also configured RDS proxy for connection pooling.
* Created Jenkins Workflows for pre deployment process DB execution, Environment configuration changes etc. on both QA and preproduction Environments.
* Involved in writing Ansible playbooks for setup and configuration of tools including Jenkins and artifactory on remote servers using REST API protocol.
* Wrote Ansible playbooks with python SSH as the wrapper to manage Configuration of AWS nodes and tested playbooks on AWS instances using python.
* Architected and designed Rapid deployment method using Chef and Ansible to auto deploy servers as needed.
* Deployed and configured Chef Server, Chef Solo and Chef Compliance including bootstrapping of chef client nodes for provisioning; Created roles, cookbooks, and recipes for server configuration, deployment, and app stack build outs.
* Set up Jenkins server and build jobs to provide continuous automated builds based on polling the Git source control system during the day and periodic scheduled build overnight to support development needs using Jenkins, Selenium and Maven.
* Utilized Kubernetes for the runtime environment of the CI/CD system to build, test deploy.
* Implementing backup and disaster recovery strategies to ensure high availability and data protection for EKS clusters and applications. Creating and testing backup plans, replication, and recovery processes.
* Used JIRA for all our projects in scrum methodology for creating stories and giving points to the stories, and updated stories as per our sprints.
* Implemented different cloud watch event jobs to trigger different automated scripts written in Lambda.
* Configured VPC and Managed several subnets internet gateways, NAT Gateways, Route tables and also VPC Peering for inter VPC communication.
* Configured Customer Gateway, Virtual Gateway and site-to-site VPN to communicate with on-premise infrastructure.
* Configured different servers as well as configured Application Load balancer, Network Load balancer and EC2 auto-scaling group.
* Configured CloudFront as Content Delivery Network service and also attached to Route 53.
* Used KMS and Configured customer Management key for different encryption and decryption at different storage level.
* Used Elastic File storage for storing different files which mostly shared between different application servers.
* Configured Cloud trail, VPC flow logs for logging purpose and also configured AWS config for complaince checks.
* Used AWS shield & WAF on top of ALB, Guard Duty for security perspective.
* Used secret manager for managing different secrets.
* Created different policies, roles, groups and users in IAM and also implemented MFA authentication.
* Configured different cloud watch alarms and configured SNS service for sending notifications.

**Environment:** Jenkins, MAVEN, GIT, Amazon EC2, Amazon Web Services, Ansible, Python Scripts, Shell Scripts, Sonar, UNIX, JIRA, Jython.

**Wells Fargo, Chandler, AZ** *Dec 2018 – Nov 2020*

**AWS DevOps Engineer**

**Responsibilities:**

* Ensure reliability of the existing core infrastructure systems, to guarantee 99.99% uptime while maintaining SLAs to guarantee low latencies across the systems
* Estimated the AWS Services cost and allocating the 6Million Dollars budget on 18 AWS accounts (International and Domestic Dev, Sandbox, Pre-Prod and Production Accounts) for 3 years period.
* Experienced in Security and Compliance tools Prisma and Evident.io to provide the security in AWS Cloud.
* Reduce the cost and expenses on AWS Cloud Services by analyzing the business requirements and duration of the projects.
* Controlled the cost and expenses on AWS Services by creating the AWS Instance scheduler by 70% of the AWS Cloud Services bill.
* Schedule the EC2 instance by using Instance scheduler to automate the stop and start the instance in Dev and Test environment based on Office hours and Weekends.
* Migrated the entire 70TB of the Asia data lake data from multiple on-premises data sources to AWS cloud Redshift data warehouse and S3 Buckets using AWS DMS Service.
* Experience in configuration management tools like Ansible.
* Used CI/CD tools Jenkins, Git/Gitlabs, Jira and Docker registry/daemon for configuration management and automation using Ansible .
* Migrated Linux and Windows environment to AWS by creating and executing a migration plan, deployed EC2 instances in VPC, configured security groups &NACL's, attached profiles and roles using AWS Cloud Formation templates and Ansible modules .
* Prepared the cost estimation to use AWS services and provide the detailed cost estimation report to the Manager.
* Administered and Engineered Jenkins for managing weekly Build, Test and Deploy chain, SVN/GIT with Dev/Test/Prod Branching Model for weekly releases.
* Configured Slack to communicate with the Enterprise users and assigned the permissions for workspace as a primary owner.
* Used Kubernetes to deploy scale, load balance, scale and manage Docker containers with multiple names spaced versions using Helm Charts.
* Reduced build + deployment times by designing and implementing Docker workflow.
* Guiding the scrum teams and larger organization on how to get the most out of Agile/Scrum practices.
* Used Simple storage services (s3) for snapshot and Configured S3 lifecycle of Applications & Databases logs, including deleting old logs, archiving logs based on retention policy of Apps and Databases.
* Setting up and configuring AWS EMR Clusters and Used Amazon IAM to grant permissions on AWS resources to users.
* Developing scripts for build, deployment, maintenance and related tasks using Jenkins, Docker, Maven, Python and Bash.
* Troubleshooted issues on production servers and implemented Failover policies.
* Created an AWS RDS Aurora DB cluster and connected to the database through an Amazon RDS Aurora DB Instance using the Amazon RDS Console.
* Automated the cloud deployments using AWS CloudFormation Templates (JSON and YAML).
* Prepared the AWS Infrastructure Documentation to help the Team.
* Used Dynamo DB to store the data for metrics and backend reports for Data Stage Team.
* Created AWS Code pipeline to automate build and deployments.
* Installed and configured Jenkins and SonarQube on AWS Codepipeline.
* Installed JMS Client on EC2 Instance and configure the JMS Connection with IBM MQ server to send and recive the Messages.
* Migrated the production SQL server schema to the new AWS RDS Aurora instance.
* Modified build templates in TFS to assist systems team in creating build definitions for many microservices applications.
* Part of the Platform team which architected the deployment procedure for multiple applications and worked as release co-coordinator for bi-weekly deployments of microservices.
* Developed scripts for build, deployment, maintenance and related tasks using Jenkins, Docker, Maven, Python and Bash.
* Continuous Integration Delivery using bamboo, Jenkins, GitHub. Maintained Bitbucket Server for our Git repositories.
* Developed Docker images to support Development and Testing Teams and their pipelines; distributed Jenkins, Selenium and JMeter images, and Elastic Search.
* Developed Ant, Maven and Shell scripts to automatically compile, package, deploy and test J2EE applications to a variety of Weblogic platforms.

**Environment:** AWS services like EC2, S3, RDS, Lambda, Docker, IAM, CodePipeline, CodeCommit, DynamoDB, , Glacier, EMR, Amazon Linux Image,Windows Server 2019, Nagios, Cloud watch, RDS, EBS, ELB, Cloud Watch, OPSWorks, Cloud Formation Templates and other tools like Git, TFS, Git, JIRA, Confluence, Bitbucket, Bamboo, PowerShell, Jenkins, Docker, Maven, Python, BASH, Ansible, Weblogic12.2.1 .

**LA Care, Los Angeles, CA** *May 2016- Nov 2018*

**Cloud Engineer**

**Responsibilities:**

* Responsible for design, development, application architecture, use cases, flowcharts, application flow, prototypes, proof concept of sample codes.
* Migrated consumer data from one production server to another production server over the network with the help of Bash and Perl scripting.
* Used Puppet for Monitoring system and automation.
* Managed Ansible Playbooks with Ansible modules , implemented CD automation using Ansible, managing existing servers and automation of build/configuration of new servers.
* Expertise in Installing, configuring & administering Jenkins on Linux and windows machines along with adding/updating plugins like GIT, ANT, Ansible, Sonar, Checkstyle, Deploy to Container, Build Pipeline etc.
* Deployed and monitored scalable infrastructure on Amazon web services (AWS) & configuration management using Terraform.
* Deployment and management of web services with Tomcat and JBOSS provided end-user training for all Tortoise SVN, JIRA users to effectively use the tool.
* Writing Chef Cookbooks to manage configurations and automate installation process for webservers and AWS instances.
* Build scripts using ANT and MAVEN build tools in Jenkins to move from one environment to other environments.
* Excellent in deploying the applications in AWS as EC2 instances and create snapshots for the data that have to be stored in AWS S3.
* Developed API for using AWS Lambda to manage the servers and run the code in the AWS.
* Amazon IAM was used to maintain the user credentials and also involved in creating custom IAM policies to various groups defined within the organization.
* Being a primary org owner of slack transferred the ownership of org to Admins with in team.
* Used Amazon CloudWatch to monitor the application performance and used the logs to identify any threshold limits.
* Wrote and executed various MYSQL database queries from python using Python-MySQL connector and MySQL dB package
* Automated the cloud deployments using chef, python and AWS CloudFormation Templates.
* Responsible for continuous integration and continuous delivery using Jenkins and Maven and AWS CodePipeline.
* Configured Jenkins Build status and SonarQube statics code analysis Email notification and slcack notification using the AWS SNS (Simple notification Services)
* Used Dynamo DB to store the data for metrics and backend reports.
* Created a AWS Code pipeline to automate build and deployments.
* Install and configure Jenkins and SonarQube on AWS Codepipeline.
* Used AWS SDK to connect with Amazon SQS for bulk email processing.
* Implemented AWS IAM for managing the credentials of applications that run on EC2 instances.
* Designed and developed the framework to consume the web services hosted in Amazon EC2 instances
* Configured Jenkins on EC2 servers and integrated it with AWS CodeCommit.
* Involved in analysis, design, and development and deploying the components using J2EE specifications and captured the requirements of the system use cases using Web Sphere 8.5, Jsp and spring.
* Configured and tuned Weblogic resources like JDBC providers , JDBC data sources, Connection pooling and Java Mail sessions on Redhat Linux and Windows servers.
* Configured the Apache http Web Server to host the applications that are tested and deployed on application server.
* Involved in the design and development of presentation and web layers based on MVC Architecture (Model-View-Controller) and spring framework.
* Developed and used J2EE Services and JMS components for message communication in weblogic Application Server.
* Designed, implemented, and maintained solutions for using Docker, Jenkins, Git, and Puppet for microservices and continuous deployment.
* Debugging the code, finding the issues and fix the defects and add enhancements.
* Used Jenkins for continuous code integration build.
* Used GitHub for version controlling, creation of new releases, fixing pre-req issues for TEST Builds.

**Environment:** AWS, Docker, Jenkins, Linux, VMware, vCenter, vSphere, RHEL, Splunk, Kubernetes, Artifactory, GitHub, SVN, Ansible, Nagios, Python, LAMP, PowerShell, Ubuntu, CloudFormation, Apache, Terraform, Nginx.

**Philips Healthcare, Framingham, MA.** *Apr 15 – Apr 16*

**AWS Cloud infrastructure & DevOps Engineer**

**Responsibilities:**

* Created SCM Process, policies and procedures to follow development and QA team to release or deploy highest quality product for the enterprise.
* Managed GitHub Projects and migrated from SVN to GitHub with history.
* Setup Hudson, Jenkins for continuous integration and for End to End automation for all build and deployments
* Designing and deploying multitude applications utilizing the AWS stack (Including EC2, Route53, S3, RDS, Dynamo DB, SNS, SQS, IAM) focusing on high-availability, fault tolerance, and auto-scaling in AWS CloudFormation.
* Migrated the current Linux and Windows environment to AWS/RHEL Linux environment and used auto scaling feature. Involved in remediation and patching of Unix/Linux Servers.
* Configured AWS IAM and Security Group in Public and Private Subnets in VPC.
* Generated AWS Route53 to route traffic between different regions.
* Performed basic database administration using MySQL, DynamoDB and Elastic Cache.
* Managed Amazon Redshift clusters such as launching the cluster and specifying the node type.
* Designed AWS Cloud Formation templates to create custom sized VPC, subnets, NAT to ensure successful deployment of Web applications and database templates
* Designed and implemented scalable, secure cloud architecture based on Amazon Web Services.
* Implemented automated local user provisioning instances created in AWS cloud.
* Deployed applications on AWS by using Elastic Beanstalk.
* Managed AWS EC2 instances utilizing Auto scaling, Elastic Load Balancer and Glacier for our QA and UAT environments as well as infrastructure servers for GIT and Chef.
* Generated Python scripts to automate AWS services, which includes web servers, ELB, CloudFront distribution, database, EC2 and database security groups, S3 bucket and application configuration, these script creates stacks, single servers, or joins web servers to stacks
* Installed and configured configuration tool such as Chef Server / workstation and nodes via CLI tools to AWS nodes.
* Utilized Configuration Management tool Chef& created Chef Cookbooks using recipes to automate system operations.
* Administered and Engineered Jenkins for managing weekly build, test and deploy chain, SVN/GIT with Dev/Test/Prod Branching Model for weekly releases.
* Involved in DevOps migration/automation processes for build and deploy systems. Implement the Build automation process for all the assigned projects in Vertical Apps domain.
* Involved in designing and documenting the deployment and migration process. Actively involved in various production and lower level environment deployment
* Setting up the new repos, managing the permissions for various GIT branches. Creating adhoc GIT stashes.
* Created post commit and pre-push hooks using Python in SVN and GIT repos. Setting up the SVN and
* GIT repos for Jenkins build jobs.
* Managing the database DDL, DML scripts in SVN and GIT. Evolving new tools/methodologies to improve this existing process and show better results to all stakeholders.
* Provided configuration management expertise to all software development projects. Release Engineer for a team that involved different development teams and multiple simultaneous software releases.
* Set up Jenkins and Hudson for Continuous Integration Process. Provided end-user training on Tortoise SVN, JIRA, Rally and Asana for enterprise users.
* Installed Splunk on unix and Splunk SOS for monitoring the health of the clusters. Integrated Splunk with Active directory and LDAP authentication.
* Provided configuration management expertise to all software development projects using Enterprise Puppet.
* Configured the Chef-Repo, Setup multiple Chef Work stations. Extensively involved in writing the cookbooks and recipes.
* Developed Perl and shell scripts for automation of the build and release process. Worked on SQL Server 2012 management and DDL and DML script migration.
* Managed Maven project dependencies by creating parent-child relationships between Projects. Jenkins is used as a continuous integration tool for automation of daily process.
* Implemented scalable, secure cloud architecture based on Amazon Web Services. Set up the scripts for creation of new snapshots and deletion of old snapshots in S3.
* Setting up the life cycle policies to back the data from AWS S3 to AWS Glacier. Worked with Amazon IAM console to create custom users and groups.
* Written the re-write rules in Apache HTTP Server Version 2.0. Maintain, monitor test and production environments.

**Environment:** RHEL 7, Cloud Formation Template, CDN, IAM, S3, EC2, AWS Cloud Watch, SNS, VPC, ELB, Route53, VMware, Bastion Hosts, NACL's, Subnets, Security Groups, DynamoDB, RDS, SQS, Docker, Virtualization, Bash, Git/GitHub, Jenkins, Maven

**Comcast, Herndon, VA** *Feb 14 – Mar 15*

**Weblogic Administrator**

**Responsibilities:**

* Installed WebLogic10.3/12c and configured WebLogic domains for upgrading applications running on WebLogic8.1/9.2 in Development, Test and Production environments on Solaris 10 using jdk1.6.0\_10.
* Provided production support for existing applications running on WebLogic 10.2/10.3/11g.
* Configured network channels for unicast communication in cluster environments in WebLogic 10.3.
* Used WebLogic Scripting Tool (WLST) to create, manage servers, clusters, machines and users for monitoring and deploying applications.
* I am involved in Upgrading the weblogic 10.3.6 to 12c versions.
* Configured a tool using PERL to start/stop WebLogic and apache servers and to get status of WebLogic servers, view WebLogic server logs, deploying applications using web browser.
* Developed WLST scripts to stop/start application, list of applications deployed, get status of WebLogic servers.
* Configured JDBC data sources with both XA and Non-XA drivers for Oracle9i/10g/11g/12c and data sources for Teradata database using WebLogic console.
* I am involved in Upgraded WebLogic 8.1/9.2/12.1.2 domains with necessary patches and Service Packs.
* Performed Migration of Web Logic Application Server from 9.2 to 10.3.
* Installed Clustered Oracle Weblogic, SOA, And WebCenter
* Extending the Domain with Oracle WebCenter
* Served as consultant for implementation of WebCenter Suite/Content Server and migration of legacy websites, including content and applications from OAS Portal 10g to WebCenter Suite 11g.
* Established WebCenter Portal Design for eService Application using guidewire
* Configured WebLogic SNMP with both centralized and de-centralized models in WebLogic server 10.3/9.2.
* Applied JNDI security to EJB’s, JDBC data sources and JMS resources.
* Involved in Performance tuning of WebLogic server with respect to heap, threads and connection pools.
* Configured WILY Introscope, HP OVO and Gomez to monitor WebLogic manage server instance in Test and Production environments.
* Configured Oracle Enterprise Service Bus (ESB) and Oracle BPEL Process Manager (BPEL) and monitored them using Oracle SOA Console.
* Developed UNIX shell scripts and WLST scripts to start/stop WebLogic admin and manage servers and to deploy different applications like .war or .ear files.
* Extensively worked with ANT scripts to build and deploy applications.
* Configured Persistent stores (file and JDBC stores), JMS servers, system modules, sub deployments, connection factories, topics, and queues for JMS Messaging.
* Used JBoss Seam, JAAS and JBoss rules for authentication and authorization.
* Installed and configured Apache web server instances and configured apache-WebLogic Bridge.
* Monitored TCP/IP connections to debug network related problems.
* Responsible for uptime of Web servers, backup, hosting and Database servers running Oracle 10g.
* Used internet technologies like HTML, XML, XPATH, XSD and TCP/IP.
* Configured site minder to enable single sign on for applications.
* Documented WebLogic operations, SOP for each application and architecture diagrams using VISIO.
* Work experience in performance monitoring, Profiling and diagnostic tools such as PerformaSure, JProbe, BMC AppSight, Sitescope, Topaz Monitoring etc.
* Extensively used configuration wizard and configuration builder to create and manage WebLogic domains for Primary and Secondary servers over multiple environments.
* Involved in problem determination and extensive troubleshooting using local error logs and by running user traces and service traces.

**Environment:** Web Logic 12.1.2/10.3/9.2/8.1/7.0, Apache, Windows (NT, 2000, XP), Linux, Solaris 8/9/10, Oracle 9i/10g/11g, JDK1.6.0\_10, JDK1.5, JDK1.4, JRockit, PVCS, Clear Case, LDAP, Java,J2EE, JSP, Servlets, web services, EJB, Spring, XML, XPath, XSD, WLST, Log4j, Jasper Reports, Perl, Clarify, Shell Scripting.

**Valspar, Minneapolis, MN** *Dec 12 – Jan 14*

**WebLogic Admin**

**Responsibilities:**

* Installed, Configured, Administered and Monitored of WebLogic Application Server 10.3, 11g in various environments (Linux and windows).
* Installed, Configured & Administered Apache Tomcat Server. Also, experienced with Load Balancing & Clustering with multiple Apache Tomcat Server Instances.
* Administered Apache HTTP Server 2.0.
* Configured Web Logic Plug-ins for Apache Web Server and configured load balancing and fail-over solutions.
* Configured and administered JMS, and JNDI in WebLogic Server 10.3.
* Configured web agents of Wily Introscope with WebLogic server.
* Configuration wizard was used extensively to create, manage WebLogic domain and configure various environments.
* Configured and Administered JDBC connection of WebLogic server with Oracle9i database.
* Build and implemented Disaster Recovery strategies for WebLogic Domains.
* Deployed WARs, EARs using WebLogic Admin Console as well as running scripts.
* Provided WLST (Python script) and configuring various WebLogic components/services.
* Responsible for setting up WebLogic clusters, JDBC Data sources.
* Renewed WebLogic certificates, also installed the new certificates for the newly created regions.
* Written Scripts for Monitor the Performance issue and to handle Complex Automation using Shell scripting. Developed many scripts for startup and shutdown of Admin Server and Managed Servers.
* Performance tuning of Garbage collections, JVM heap size, and Native thread & production performance.
* Troubleshooting WebLogic application Server connection pools and connection manager with Oracle 9i.
* Installed and configured Oracle Webcenter.
* Managed and Implemented JMS services.
* Provided 24/7 Support and on call schedule and HP OVO alarm.

**Environment:** BEA WebLogic 10.2, 10.3 JBOSS, Apache HTTP Server 2.0, Apache Tomcat 6.0. Servers, JDK152\_13, Akamai Load balancers using Cisco and BigIP, HP OVO alarm, Symantec Enterprise Security Manager (ESM) 6.5, Oracle 9i/10g, Wily Introscope 4.0/5.3.1/7.0, OEM.