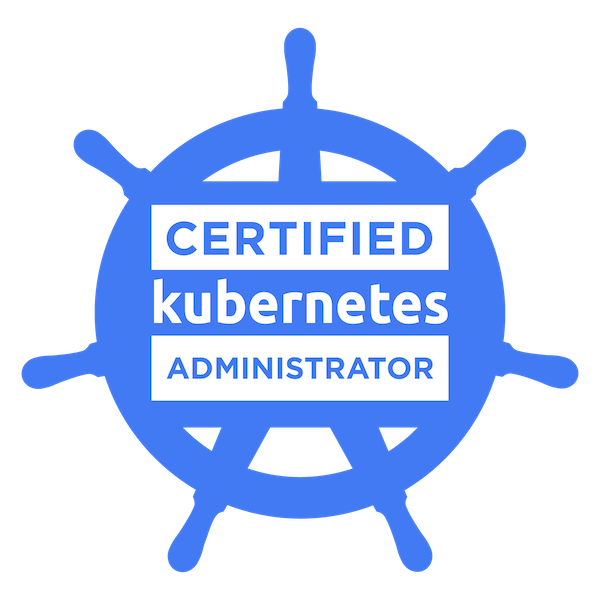
**EMMANUEL RAJU**

***Sr. Cloud DevOps Engineer***

**Mail:** **erp76131@gmail.com**

**Mobile: 469-981-9288**

**PROFESSIONAL SUMMARY**

* Having good 10+ experience in IT industry as a Azure/DevOps with major focus on Cloud Resource Utilization, Source Code Management, Infrastructure Automation, Continuous Integration, Continuous Delivery and Continuous Deployment. 6+ years of experience in DevOps Engineer, 2 Years of experience as Build and Release Engineer and 2 Years of experience in Linux Admin.
* Experienced in Migrating on premise data center workloads to cloud platforms and created server less architecture using AWS Lambda.
* Developing process automation PowerShell DSC 4.0,5.0. Setup and configure pull server, creating custom resources, working with various system modules and configurations.
* Highly proficient in AWS Cloud platform and its features which includes EC2, VPC, EBS, AMI, SNS, RDS, EBS, Cloud Watch, Cloud Trail, Cloud Formation, AWS Config, Auto scaling, Cloud Front, IAM, S3, and Route53.
* Knowledge in understanding of the principles and best practices of Software Configuration Management (SCM) in Agile, Scrum, and Waterfall methodologies.
* Hands-on experience in configuration of network architecture on AWS with VPC, Subnets, Internet Gateway and also in creating snapshots and Amazon Machine Images (AMI) of the instances for backup and creating clone instances.
* Experience in provisioning and administering EC2 instances and configuring EBS, S3 cross region replication, Elastic Load Balancer, configure Auto scaling, setting up CloudWatch alarms, Virtual Private Cloud (VPC) and RDS, based on architecture.
* Experience in maintaining AWS Identity and Access Management (IAM) components including creating users, groups, roles, policies and access control for various AWS services.
* Architect and implement ETL and data movement solutions using Azure Data Factory(ADF), SSIS
* Proficient in creating Cloud Formation templates that describes all AWS resources so that you can spend less time managing those resources and more time focusing on your applications that run in AWS.
* Experience in working with Terraform for automating ELBs, Security Groups, SQS Queues, S3 Buckets, and continuing to replace the rest of our infrastructure.
* Expertise in Azure Development worked on Azure web application, App services, Azure storage, AzureSQL Database, Azure Virtual Machines, Azure AD, Azure search, Azure DNS, Azure VPN Gateway and Notification hub.
* Experience on Server less services and configuring HTTP Triggers in the Azure Functions with application insights for monitoring and performing load testing on the Applications using the VSTS and monitored OMS Log Analytics in Azure Security Center for Trouble shooting the Compute, Storage and Networking.
* Experienced in Shell, Python, Groovy scripting for automation.
* Experience in creating and managing pipelines using Azure Data Factory, copying data, configuring data flow in and out of Azure Data Lake Stores according to technical requirements.
* Experienced in deploying the code through web application servers like Web Sphere, Web Logic, Apache Tomcat, Nginx and JBOSS.
* SQL programming knowledge and experience with MySQL, Postgres, Casandra, Redis, OracleDB and MongoDB.
* Ability in development and execution of XML, PowerShell, Python, Bash, and Ruby Scripts.
* Experience creating pods and clusters in Kubernetes and deploy those using OpenShift. Good understanding of OpenShift platform in managing Docker containers and Kubernetes Clusters.
* Migration of on premise data (Oracle/ SQL Server/ DB2/ MongoDB) to Azure Data Lake Store(ADLS) using Azure Data Factory(ADF V1/V2).
* Worked on Hudson, Jenkins and Bamboo for continuous integration and for end to end automation for all build and deployments including setting up pipeline jobs and upstream/downstream job configurations in Jenkins.
* Implemented zero downtime deployment process in WebLogic using Python and Ruby, shell script and automated it using integrations tool Jenkins.
* Experience with SQL queries on database platforms such as MySQL, Oracle, and Microsoft SQL Server.
* Architect and implement ETL and data movement solutions using Azure Data Factory, SSIS create and run SSIS Package ADF V2 Azure-SSIS IR
* Deployed and configured Chef server including bootstrapping of Chef client nodes for provisioning and experience in developing Chef recipes through Knife command-line tool through Ruby scripts to create Chef cookbooks to manage systems configuration on Chef Server to initiate Chef Nodes.
* Experience in integrating Ant and Maven build tools with Jenkins in order to automate the build process as a part of continuous delivery.

**Education**

* Bachelor of Technology in Computer Science Engineering from Shridhar University, India.
* Masters in Computer Science from Sofia University,USA.

**Skills**

|  |  |
| --- | --- |
| Cloud Environment | Amazon Web Services (AWS), Azure and Google Cloud Platform (GCP). |
| Version Control Tools | GIT, GitHub, GitLab, Subversion (SVN), and BitBucket. |
| Build Tools and Artifactory | Maven, Ant, JFrog and Nexus. |
| Automation & Configuration Tools | Docker, Jenkins, Bamboo, Chef, Puppet, Ansible, Salt stack, Terraform Java, Java Development, Grafana, Kabana, Nagios, Prometheus. |
| Orchestration Tools | Kubernetes, Docker swarm, Apache Mesos, Marathon and Google Cloud Engine, iOS |
| Application Servers | WebLogic, Apache Tomcat, JBoss, WebSphere and Nginx. |
| Networking Protocols | TCP/IP, DNS, DHCP, Cisco Routers/Switches, WAN, LAN, FTP/TFTP and SMTP, ADF |
| Bug tracking and monitoring Tools | JIRA, Bugzilla, Nagios, Cloud Watch, Splunk, ELK and SonarQube. |
| Scripting Languages | Shell Scripting, Python, Ruby, Perl, Yaml, Node.js and Groovy. |
| Operating Systems | Linux (Red Hat, CENTOS & SUSE), Ubuntu, Solaris, DEBAIN and Windows, Data Base. |

**Certifications**

* Certified Azure Administrator Associate.
* Certified AWS Developer Associate.
* Certified Kubernetes Administrator.

**Work Experience**

**Sr. Cloud DevOps Engineer Jan 2022 – Till date,**

**VERIZON, New Jersey**

**Responsibilities:**

# Automated Build and Deployment process-setup Continuous Integration and Continuous Deployment of applications onto different environments like Dev, QA, and Production.

# Designing, deploying, and maintaining the application servers on AWS infrastructure, using services like EC2, S3, S3 Glacier, VPC, Lambda, Route53, SQS, IAM, Cloud Front, RDS, EKS, ECR and CloudFormation etc.

# Implemented the various services in AWS like VPC, Auto Scaling, S3, Cloud Watch, EC2.

# Worked with the different instances of AWS EC2, AWS AMI’s creation, managing the volumes and configuring the security groups.

# Experience in creating AWS AMI, have used Hashi Corp Packer to create and manage the AMI's.

# Developed Chef Recipes to configure, deploy and maintain software components of the existing infrastructure.

# Deployed Docker Containers in AWS platforms for containerization of multiple applications, dockerized application which included packaging, tagging, and pushing the image to the J frog Artifactory.

# Used Maven to build artifacts from source code checked out from Subversion repository, with Jenkins and Artifactory as repository manager.

# Develop, implement, and maintain automated processes using System Center and PowerShell or equivalent scripting language.

# Experience in setting up CI/CD pipeline integrating various tools with Cloud Bees Jenkins to build and run Terraform jobs to create infrastructure in AWS.

# Implemented automation of AWS infrastructure via Terraform and Integrated with Jenkins for Deployments.

# Worked on the Cloud Watch to monitor the performance environment instances for operational and performance metrics during the load testing.

# Management and monitoring of cloud resources and services in AWS using CloudWatch.

# Worked on Auto Scaling for providing high availability of applications and EC2 instances based on a load of applications by using Cloud Watch in AWS.

# Create and manage the Azure & AWS cloud infrastructure for applications from various channels in the organization using Terraform.

# Designed the data models to be used in data intensive AWS Lambda applications which are aimed to do complex analysis creating analytical reports for end-to-end traceability, lineage, definition of Key Business elements from Aurora.

# Worked with the AWS S3 services in creating the buckets and configuring them with the logging, tagging and versioning.

# Created trigger points and alarms in Cloud Watch based on thresholds and monitored logs via metric filters.

# Used JFrog Artifactory to store and maintain the artifacts in the binary repositories and push new artifacts by configuring the Jenkins project using Jenkins Artifactory Plugin.

# Administering Puppet enterprise across Cloud bees Jenkins and IBM UCD cluster in automating the Build server software deployment, Java upgrades and Application agent upgrades etc.

# Maintained Beats using Elasticsearch Centralized Beats Management Console.

# Used AWS-CLI to suspend an AWS Lambda function. Used AWS CLI to automate backups of ephemeral data-stores to S3 buckets, EBS using Boto3.

# Managing the OpenShift cluster that includes scaling up and down the AWS app nodes.

# Experience on Continuous Integration and Continuous deployment using various CI tools like Jenkins, Hudson and automating deployments using Continues Integration tools like Jenkins on Application Server JBOSS and Tomcat.

# Using the Docker file containers has run for the MongoDB and linking it with new container which will be the client container to access the data.

# Provide in-depth knowledge of Cloud bees Jenkins, Artifactory.

# Mirrored the Docker images required for Spinnaker from external registry to private Docker Registry.

# Proactive analysis of security escalations as well as threat hunting integrating Elasticsearch with NetFlow.

# Experienced in maintaining containers running on cluster nodes are managed by OpenShift Kubernetes.

# Maintained Single and Multi-container pods storage inside a node of OpenShift (Kubernetes) cluster.

# Planning, implementation, and testing of new Data Centre for Disaster Recovery migrations, involved in an Agile/ Scrum environment and daily stand-up meetings.

# Configured Groovy script to deploy the application in Apache tomcat server.

# Operated on several prototype OpenShift projects involving clustered container orchestration and management.

# Update Maven scripts to use Artifactory repo instead of local repositories.

# Worked on the AWS IAM service and creating the users & groups defining the policies and roles and Identify providers.

# Worked with Terraform key features such as Infrastructure as code, Execution plans, Resource Graphs, Change Automation.

# Wrote Jenkins file as pipeline as code using groovy scripting.

# Deploying applications on AWS cloud platform using OpenShift and other DevOps tools.

# Used OpenShift for Docker file to build the image and then upload the created images to the Docker registry.

# Created Jenkins on top of Kubernetes in team environment to remove dependencies on other teams.

# Cloud infrastructure maintenance effort using a combination of Jenkins, Ansible and Terraform for automating CICD pipeline in AWS.

# Experienced with event-driven and scheduled AWS Lambda functions to trigger various AWS resources.

# Automated web application testing with Jenkins and Selenium.

# Automated the continuous integration and deployment of CI/CD using Jenkins, Docker, Ansible and AWS Cloud Templates.

# Used Jenkins pipelines to drive all micro services which build out to the Docker registry and then deployed to Kubernetes by Creating Pods and managed using Elastic Kubernetes Service (EKS).

# Environment: Amazon Web Services, EKS Kubernetes, Jenkins, Ansible, Kubernetes, Python, Jira, Web logic, UNIX, VMware, Artifactory, Shell, Perl, JSON, Docker, OpenShift, Git, Cloud bees, GitHub, Bitbucket, ELK, S3, RDS, EBS, Amazon Aurora, VPC, Route 53, ELB, Amazon Redshift, AWS IAM.

**Sr. DevOps Engineer Sep 2020 – Dec 2021,**

**NEXT HEALTH TECHNOLOGIES, Denver, CO.**

**Responsibilities:**

* Create CI/CD pipelines for the deployment of web applications to AKS Cluster using Azure DevOps and Helm Charts.
* Involved in Build and Release Management of Multiple Projects, setting up Branching and Release Strategies, Tagging Stories, and Branches for Releases.
* Worked on the Deployment, Configuration, Monitoring and Maintenance of OpenShift Container Platform.
* Used Docker, Kubernetes and OpenShift to manage micro services for development of continuous integration and continuous delivery.
* Create Value files based on test deployments done on test clusters and elevate them to production clusters.
* Install and configure ELK stack on the environment to ship logs from applications hosted on a cluster.
* Configured and automated the Azure DevOps Pipelines & Jenkins Pipelines/Build jobs for Continuous Integration and Promote Deployments from Dev to Production environments.
* Experienced with cloud Azure DevOps, Azure Databricks setup, Databricks cluster creation, VNet setup, instance setup, creating snapshots.
* Point team player on OpenShift for creating new Projects, Services for load balancing and adding them to Routes to be accessible from outside, troubleshooting pods through SSH and logs, modification of Build configs, templates, Image streams, etc.
* Setup Bugzilla on Linux VM to keep track of bugs in deployment cycle and environment issues.
* Created an automation script to take backup of Bugzilla data at night and store the backups in a specific storage location.
* Enabled security parameters by using ACL and encryption keys.
* Worked on continuous integration and continuous delivery jobs for several teams in all environments using shell, Groovy for Jenkins, and GitHub Actions
* Creation of CI/CD pipelines to integrate with vault and retrieve secrets to be used in pipeline jobs.
* Worked on automating Cron jobs which aid in scheduling dev, model, and prod jobs and disables the job after execution, as self-service to developers.
* Managed the backup and automation techniques by writing PowerShell scripting.
* Provide technical consultation and delivery services to customers for CI/CD and DevOps initiatives.
* Worked in container-based technologies like Docker, Kubernetes and OpenShift.
* Restricted user access/service accounts access over jobs on Jenkins using Assign and managing roles for security purposes in development and test environments.
* Application onboarding and maintenance on the CI/CD platform.
* Monitoring and maintaining disk space issues on nodes connected to Jenkins for dev and test environments.
* Perform regular health checks and monitor performance of the Apigee environment.
* Docker has been core to this experience, along with Kubernetes.
* Generated reports on Jenkins for jobs executed for each channel of business for a period in aiding metrics review.
* Creation of hooks on Bitbucket repositories in aiding to automation of Jenkins jobs.
* Implement Golang program to mask the user sensitive information before sending it out to big data system.
* Configured Load Balancers, Listeners, Target Groups for our Projects.
* Installation, administration, and maintenance of CI/CD applications: Jenkins, Artifactory, SonarQube, Stash and Docker.
* Export code and notebooks from the Azure Databricks workspace using the Azure Databricks workspace CLI.
* Integrated Docker with Jenkins using Cloud Bees Docker plugin to automate container deployment. Wrote Docker Compose files in YAML for managing whole life cycle of multi container applications.
* Creates automation and deployment templates for relational and NoSQL databases (standalone and RDS), including MSSQL, MySQL, MongoDB, Redis and Neo4j.
* Container management uses Docker by writing Docker files and set up the automated build on Docker HUB and installed and configured Kubernetes.
* Integrated SonarQube SAST and Fortify analysis in all Azure DevOps/Jenkins jobs.
* Develop Golang for microservice on interact with devices, big data and database with Ruby on Rails and frontend by REST API.
* Configuring Azure Key Vault services to development teams for handling secrets in dev, test, and production environments using both UI and CLI in Jenkin jobs.
* Imports the Data using Sqoop from various source systems like Mainframes, Oracle, MySQL, DB2 to Atlas Data Lake Raw Zone.
* Created Jenkins file pipeline as code for CICD deployment using groovy scripting. Integrated Jenkins with Gitlab for code commits, trigger builds and poll SCM.
* Use of Docker and Kubernetes to manage micro services for development of continuous integration and continuous delivery.
* Write terraform scripts for CloudWatch Alerts.
* Configuring on-prem servers on Jenkins to aid in dev and test deployments for several teams, managing and maintaining credentials on Jenkins.
* Installs, configures, manages, and administers queries in relational databases like MySQL, PostgreSQL, and MS SQL Server.
* Monitoring and analysis of Kubernetes pods logs using Elasticsearch by deploying File beat as a Daemon Set.
* Automation scripting using Bash, Perl, Python, Golang, Java, Perl, Python, Ruby, Nodejs, Golang, Scala, Java and/or PowerShell to support the services etc.
* Wrote Jenkins file as pipeline as code using groovy scripting.
* Automate Datadog Dashboards with the stack through Terraform Scripts.
* Develop code and unit tests in an Azure Databricks notebook or using an external IDE.
* Work with the product vendor on issue resolution and enhancements
* Assist in cloud bees Jenkins, Jfrog Artifactory and IBM Deploy configuration in CI/CD pipeline.
* Worked on Groovy Script multiple stages to deploy the application in lower environments.
* Responsible for implementing monitoring solutions in Ansible, Terraform, Docker, and Jenkins.
* Created Bitbucket projects and repositories based on the taxonomy standards set by the architecture department. Migrated repositories and Jenkins jobs from git, sync to bitbucket.
* Experience with container-based deployments using Docker, working with Docker images, Docker hub and Docker registries, installation and configuring Kubernetes and clustering them.
* Certs monitoring on various applications maintained on Cloud to keep check of expiring certs and renewing them to avoid application failure.
* Developed CI/CD system with Jenkins on Google's Kubernetes container.
* Using Golang to revamp the production log files transfer program to meet the security requirement.
* Configured Azure VM & EC2 instances and launched the new instances with the same configuration using AMIs.
* Provisioned VM & EC2 instances of different types by creating security groups and managing EBS volumes.
* Deploy the artifacts to staging and Production environments from artifact tools like ECR, ACR. Build the docker image, publish it to a DTR repo.
* Environment, utilizing Kubernetes and Docker for the runtime environment for the CI/CD system to build and test and deploy.
* Monitor the deployed applications using performance monitoring tools like ELK and Grafana.
* Created alarms and trigger points in Cloud Watch based on thresholds and monitored the server’s performance, CPU Utilization, disk usage in Dev and test environments.
* Monitors the Kubernetes Cluster jobs and performance.
* Working on upgrading Kubernetes cluster, commissioning & decommissioning of Nodes, Pods

**Environment:** Jira, Confluence, Bitbucket, Jenkins, AWS Cloud (VPC, EC2, S3, Autoscaling, ECS, CloudWatch, Elasticsearch), Azure Cloud (VM, Blob, VMSS, VNET, AKS), Cloud bees, Golang, Kibana, Apigee, Linux, Windows, Terraform, Python, shell scripting, GitLab CI/CD, Kubernetes, Vault, Shell scripting, YAML, TCA, Linux – RHEL, Grafana, azure data bricks, azure data factory, cosmos DB, azure pipelines, azure function app

**DevOps/ Site Reliability Engineer Jun 2019 – Aug 2020,**

**FANNIE MAE, Reston, Virginia.**

**Responsibilities:**

* Owned the complete lifecycle of multiple application stack back-end services from platform setup, configuration, deployment support, CI/CD setup to monitoring, performing capacity planning, system performance optimization, delivery of SLAs, 24/7 support and development of system documentation.
* Increased the reliability of operations by developing automated solutions, troubleshooting networking, deployment, and application issues.
* Extensive involvement in SRE monitoring and automation delivery teams.
* Delivery and implementation of SRE analytics, log management, monitoring, and automation solutions. Managing SLAS, project resource and delivery management.
* Extensive involvement in Monitoring & Automation architecture design, engineering, implementation, and delivery.
* Implementation and delivery of SRE tools in CI/CD pipeline utilizing GitHub, Jenkins, Puppet, JIRA, Confluence, ServiceNow and other tools.
* Delivering reliability for business critical SecOps applications including their underlying infrastructure (hardware, virtual, Unix/Linux, Windows, storage, Oracle, Sybase, SQL, MySQL, networks, authentication services etc.)
* Developed a stream filtering system using Spark streaming on top of Apache Kafka.
* Used Flume and Kafka to aggregate log data into HDFS.
* Responsible for Installing, setup and Configuring Apache pinot Kafka and Apache pinot Zookeeper.
* Ownership of SRE monitoring and analytics platform as a service. Leading Incident & problem management during platform outages and critical disruptions.
* Manage underlying platform infrastructure components (Linux/Windows/Storage/Networks/Load balancer/Security)
* Created alert and monitoring system for business-critical applications.
* Participate in a 24x7 on-call rotation outside business hours in support of our platform and customers Coordinate with team to maintain Service Level Agreements (SLAS).
* Managed network security using Load balancer, Auto-scaling, Security groups and NACL.
* Experience in Python scripting for multithreading automation and automation of Shell scripts for build automation.
* Engineered Splunk to build, configure and maintain heterogeneous environments and maintain log analysis generated by various systems including security products.
* Created Route tables to route the traffic to find whether it is a public or private network.
* Utilized AWS CLI to automate backups of ephemeral data-stores to S3 buckets, EBS and create nightly AMIs for mission critical production servers as backups.
* Used Ansible for configuration management of hosted Instances within AWS. Configuring and Networking of Virtual Private Cloud (VPC).
* Wrote Ansible Playbooks with Python SSH as the Wrapper to Manage Configurations of OpenStack Nodes and Test Playbooks on AWS instances using Python.
* Implemented Capability deployment using terraform scripts.
* Wrote scripts in terraform when required and Parser files of complexity when required maintained the repository management tools like Artifactory to store the WAR, JAR files which are deployed by using Ansible in the Jenkins tool.
* Created Kubernetes YAML file for the deployment in Kubernetes Cluster.
* Setup Kubernetes cluster with Kubernetes Master that TEMPHAS API server, Kube-Scheduler, and Kube Controller.
* Setup Kubernetes Kubelet that talks to the API server in Kube Master created Pods, Deployments, Services and Replication Controller in Kubernetes.
* Used Spinnaker for Kubernetes Continuous Deployment and Rolling Updates.
* Developed container support for cloud environments and Docker. Deployed the applications in Docker containers and managed the containers at the enterprise level.
* Created Docker images using a Docker file, worked on Docker container snapshots, removing images and managing Docker volumes.
* Configured Docker container for branching purposes and Implemented Docker automation solution for Continuous.
* Integration / Continuous Delivery model.
* Created users, roles and groups using Identity Access Management (IAM) and attached the required policies.
* Scripting of administration tasks using CLI, Bach Shell, Shell, and Python Scripting. Built upstream and downstream jobs in Jenkins to build and deploy onto different environments.
* Built and Deployed java source code into application servers in an Agile continuous integration environment.
* Provisioned load balancer, auto-scaling group and launch configuration for microservices using Ansible built and maintained Docker infrastructure for Service oriented architecture (SOA) applications.
* Managed monitoring using Nagios and updated parameters with active and passive checks.

**Environment:** AWS (EC2, VPC, ELB, S3, RDS, Cloud Trail), GIT, EBS, Cloud watch, CloudFormation, Docker, Jira, AWS CLI, AWS Auto Scaling, Unix/Linux, Shell scripting, GitHub, Jenkins, Puppet, Sevic Now, Windows, Oracle, Apache Kafka, Python, Splunk, Terraform, Ansible, Kubernetes, Docker, Spring boot, Nagios.

**DevOps Engineer May 2017- May 2019,**

**HARTFORD, Hartford, CT.**

**Responsibilities:**

* Involved in designing and deploying a multitude application utilizing almost all of the AWS stack (Including EC2, Route53, S3, RDS, DynamoDB, SNS, SQS, IAM) focusing on high-availability, fault tolerance, and auto-scaling in AWS Cloud formation.
* Worked closely with Project Managers to understand a configuration release scope and how to confirm a release was successful.
* Interacted with client teams to understand client deployment requests.
* Responsible for distribution applications across hybrid AWS and physical data centers.
* Configured AWS IAM Security Group in Public and Private Subnets in VPC.
* Written Cloud Formation templates and deployed AWS resources using it.
* Creating S3 buckets and managing policies for S3 buckets and Utilized S3 bucket and Glacier for storage and backup on AWS.
* Creating Cloud Watch alerts for instance and using them in Auto scaling launch configurations.
* Involved in scrum ceremonies (stand-up, grooming, planning, demo/review, and retrospective) with the teams.
* Maintained the user accounts (IAM), RDS, Route 53, VPC, RDB, DynamoDB, SES, SQS and SNS services in AWS cloud.
* Built Continuous Integration environment Jenkins and Continuous delivery environment.
* Docker Applications using Docker images using Docker files.
* Used Kubernetes to provide a platform for automating deployment, scaling, and operations of application containers across clusters of hosts.
* Worked closely with Development teams and performance test engineers for EC2 size optimization and Docker build containers.
* Ansible installation and maintenance for infrastructure automation.
* Wrote Ansible Playbooks with Python SSH as the Wrapper to manage configurations of AWS nodes.
* Provide highly durable and available data by using S3 data store, versioning, lifecycle policies, and create AMIs for mission critical production servers for backup.
* Leveraged AWS cloud services such as EC2, auto-scaling and VPC to build secure, highly scalable, and flexible systems that handle expected and unexpected load bursts.
* Built servers using AWS, importing volumes, launching EC2, RDS, creating security groups, auto-scaling, load balancers (ELBs) in the defined virtual private connection.
* Designed and implemented scalable, secure cloud architecture based on Amazon Web Services.
* Setup and build AWS infrastructure various resources, VPC EC2, S3, IAM, EBS, Security Group, Auto Scaling, and RDS in CloudFormation JSON templates.
* Maintained JIRA for tracking and updating project defects and tasks.

**Environment:** AWS (EC2, VPC, ELB, S3, RDS, Cloud Trail and Route 53), GIT, VPC, SQL, Cloud Watch, AWS Auto Scaling, Cloud Formation, Ansible, Jenkins, Nagios, ELB, Shell Scripts, Unix/Linux Environment.

**Build and Release Engineer**

**URGENT TEAM, Bentonville. Apr 2015- Apr 2017,**

**Responsibilities**:

* Participated in the release cycle of the product which involves environments like Development, QA and UAT.
* Analyzing ANT Projects for Converting ANT Build Projects to Maven Build Projects.
* Developing Maven Build Scripts based on the requirements and managed Maven project dependencies by creating
* parent-child relationships between projects.
* Managed the Subversion Branching, Merging and tagging strategy for applications by creating Release branches,
* Development branches thus ensuring the integrity of Trunk.
* Bamboo is used as a continuous integration tool for build and automated Build and Release using WebSphere.
* as Artifact Repository Manager and involved in creating and configuring different Repositories in Nexus.
* Experience in LINUX and using SHELL, PERL, PYTHON scripting to automate processes.
* Developed build scripts using ANT as the build tool for the creation of (WAR files) build artifacts.
* Involved in troubleshooting the automation of Installing and configuring JAVA applications in the test and pre-production environments.
* Built and Deployed Java/J2EE to a web application server in an Agile continuous integration environment and
* automated the whole process.
* Installed, Deployed Red Hat Enterprise Linux 6.x, CentOS and packages, patches for Red Hat Linux Servers.
* Applied patches and packages on Linux servers using rpm RedHat Package Manager and yum tools.
* Hands on experience working various Bug Tracking tools like JIRA, Bugzilla and integrated with Junit.

**Environment:** AWS, Git, GitHub, Jenkins, ANT, Maven, Red Hat Linux Servers, Shell/Python scripting, Tomcat.

**LINUX Administrator**

**WELLS FARGO.COM, Maryland. Feb 2013—Mar 2015,**

**Responsibilities:**

* Participated in the release cycle of the product, which involves environment like Development, QA and Production.
* Installed and designed RHEL Kick Start Installation by configuring NFS, NIS, DNS, DHCP
* Monitoring system performance, adding physical memory to the servers and User administration setup.
* Troubleshooting Network, File system memory, CPU, Swap Space and issues, TCP/IP, NFS, DNS, SMTP in Linux, and Solaris servers
* Maintaining infrastructure environment containing RHEL and Solaris
* Troubleshooting issues by checking logs.
* Performed Disaster Recovery in RHEL servers which comprises of LVM based FS and Red Hat Clustering
* Worked on Red Hat 5.x, 6.x and performed daily tasks using CRON scheduler and automated it.
* Installed and arranged Disk and document framework administration utilizing Logical Volume Manager (LVM) for LINUX frameworks.
* Performed OS upgrades Kernel Upgrades to Solaris and RHEL on production servers and testing servers.

**Environment:** Red Hat Linux 3.0,4.0,5.0 AS ES, Virtual Box, VMware, Tomcat 3.x,4.x,5.x, Apache Server 1.x,2.x, Bash.