**PROFESSIONAL SUMMARY:**

* Over 10+ years of IT Industry experience as a **DevOps Engineer/SRE** with expertise in areas of **LinuxAdministrator**, Build/Release Management, Software Configuration and **Cloud Management,** and **GIT** on **UNIX** and **Windows** Environment. Have a good knowledge on **operations** and **development** to deliver quickly. Exceptional **ability** to quickly master new concepts and find ways to better myself in this **rapidlychangingIndustry**.
* Extensive knowledge in Automation, Configuring and Deploying instances on **Amazon web services** (AWS) components like **EC2**, **ELB**, **Auto scaling**, **S3, VPC, Route53**, **Cloud Watch, Cloud Trial, Cloud Formation Template, CDK, Elastic Beanstalk, IAM, Security Groups, Cloud Front, SNS, VPCs, Dynamo, Lambda**.
* Exposure with **vulnerability scanning tools** such as **Checkmarx**, **Coverity, SonarQube,** Advanced experience with vulnerability assessment and reporting including comprehensive understanding of **Vulnerability Management methodologies** and procedures and application and infrastructure **vulnerability scanning** solutions
* Experience working with Apache Hadoop, Kafka, Spark, and Log Stash.
* Closely worked with Kafka Admin team to set up Kafka cluster setup on the QA and Production environments.
* Track record of increasing responsibility in the business software design, Micro services, systems analysis/development and full lifecycle project management.
* Expertise in **AWS Command line interface** and **PowerShell** for automating administrative tasks. Defined AWS Security Groups which acted as **virtual firewalls** that controlled the **traffic** reaching one or more **AWS EC2, LAMBDA instances.**
* Created the **modules** driven **AWS Infrastructure with Terraform**. Created Infrastructure Bitbucket repositories for Terraform to launch the stacks.
* Implemented **automation of AWS infrastructure via Terraform and Jenkins** - software and services configuration via Ansible playbooks.
* Valuable knowledge on DevOps tools such as **Checkmarx, Coverity, SonarQube, Chef, Vagrant, Virtual Box, Puppet, Ansible, Jenkins, NEXUS, Maven, ANT, GIT, TFS, Kubernetes, and Docker.**
* Created and Maintained **Chef Recipes** and **cookbooks** to **simplify** and **expedite deployment** of applications and mitigate user error.
* Extensive knowledge on working with the **Configuration/Deployment Tools** like **CHEF (Knife, recipe, cookbook), ANSIBLE (Playbook, inventory)** and **PUPPET (Puppet manifests, Factor, catalog).**
* Experience in working with **Chef Enterprise** and **Chef Open Source, Chef DK, Chef Workstation, Chef Server, Chef-Client, Chef-attributes.**
* Automated Provisioning and **App Servers** Configuration in all three environments using **Puppet** and **Chef Configuration management tools**.
* Extensive experience in **Chef** for Planning to organize **attributes**, **Roles**, **Recipes**, Environments, **writing cookbooks**, setting up continuous integration system for **Cookbooks**.
* Configured **JenkinsMonitor**, **List** and **Build** views to displays the status and progress of selected jobs with **buildversion** information. Experience in **monitoring tools** like **Nagios**, **Sensu, AWSCloudWatch**.
* Hands-on experience in **Terraform** to transform the infrastructure from on-premise to cloud. Worked on **Docker Containersnapshots**, attaching to a **running container**, **removing images**, **managing director** structures and **managing containers**
* Strong ability to automate tasks using scripting like Python, Perl, Shell, Go, NodeJS, Groovy and Ruby
* Experience in **Shell**, **bashscripting**, **Perl** and **Ruby** scripting. Utilize **Chef** for configuration management of **hosted Instances** within **AWS**.
* Exposure on **Azure PaaS** Solutions like **Azure Web Apps, Redis Cache**, Application Insights, **Azure Serverless** Functions, **SQL Azure and Azure Storage.**
* Exposure on developing the **Azure Solution and Services** like **IaaS and PaaS, Azure Virtual Machine Support and troubleshoot** the existing web applications using, **SQL Server** .
* Built scripts using **ANT** and **MAVEN** build
* Used Kafka as the messaging system and Apache storm as the streaming framework.
* Closely worked with Kafka Admin team to set up Kafka cluster setup on the QA and Production environments.
* Experience in creating and **managinguseraccounts**, **Securitypolicies, Rights, Disk spaces, Disk quotas and Process monitoring in CentOS and Red Hat Linux.**
* Hands on experience with **buildtools** like, **Team City, Sonar, Bamboo, Maven, ANT**. Worked with different Bug **tracking** tools like **VSTS**, Supported the application in production and **worked** closely with **off-shore teams**. worked with tools such as **JIRA**, **Rally,** to manage and track project and application progress
* Excellent **interpersonalskills**, **ability** to interact with people at all levels. Capable of **delivering** well **documentedapplications**, **adhering** to **qualitystandards** and **deliverydates**. Exceptional ability to **quicklymasternew** concepts and a **proactiveteamplayer**.

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| **OPERATING SYSTEMS** | Windows XP/ 2000/7/8/10/Vista, Red Hat, SUSE Linux, Solaris, Linux, centos, Ubuntu Red Hat Linux4.x, 5.x, 6.x, 7.x, CentOS 6 & 7, Ubuntu12.x, 13.x, 14.x, OPEN SUSE 10/11, Windows 98, ME, XP, Vista, 07, 08, Windows Server 2003, 2008 R2, 2012 R2, VMware ESX and Mac OS,  Red hat OS patching, OS Install and maintenance, Switch, Router config, ESX, RHEL 6/7/8 Administration. |
| **CONFIGURATION/AUTOMATION TOOLS** | Chef, Puppet, Jenkins, NEXUS. |
| **CONTAINERIZATION TOOLS** | Docker,Kubernetes. |
| **VERSIONING TOOLS** | GIT, SVN, Perforce, Clear Case, CVS, and Bit Bucket |
| **BUG TRACKING TOOLS** | JIRA, Rally, Remedy and IBM Clear Quest. |
| **AREA OF WORK** | Release management, Deployment/Migrations, Environment management, Continuous Integration, Configuration Management |
| **BUILD TOOLS** | Intermediate--- “Cruise Control, Build Forge, TeamCity, sonar, Bamboo, Maven, ANT” |
| **CLOUD** | AWS, Open Stack, EC2, S3, RDB, ELB, EBS, VPC, Auto Scaling, DynamoDB, open stack, azure. |
| **DATABASE** | SQL 2005/08/12/14. Oracle, MySQL, No SQL |
| **WEB TECHNOLOGY** | HTML5, CSS3, JavaScript, XML |
| **MANAGEMENT TOOLS & VERSION CONTROL TOOLS** | Service Now, Confluence, GitHub/Git, Gerrit, SVN, CVS, Clear Case, Subversion, Version one, TFS, VSTS. |
| **SCRIPTING** | shell, Perl, Ruby |
| **APPLICATION/WEB SERVERS** | WebLogic, WebSphere, Apache Tomcat, IIS, J Boss, HTTP server |

**PROFESSIONAL EXPERIENCE:**

**Client: Capital One Richmond VA. Oct 2020–Present**

**Role: AWS DevOps Engineer**

**Responsibilities:**

* In depth knowledge of the **Linux operating system** (including **RHEL & CentOS flavors) & ManagingAmazon Web Services** infrastructure with **automation** and **orchestration,** configuration Management tools such as . Proficient in AWS services like **VPC, EC2, S3, ELB**, **Auto Scaling Groups (ASG)**, **EBS, RDS, IAM, Cloud Formation, CDK, Route 53, Amazon Connect, Cloud Watch, Cloud Front, Cloud Trail.**
* Performed troubleshooting, fixed and deployed many Python bug fixes of the two main applications that were the main source of data for both customers and internal customer service team.
* Build out server automation with Continuous Integration/Continuous Deployment tools like Jenkins/Maven for deployment and build management system.
* Experience on writing Shell and Python scripting for automating tasks in Team city.
* Written shell scripting using bash, Ruby and python to automate system administration jobs.
* Worked on automation testing using python selenium.
* Automated Linux production server's setup using CF templates. Documented release builds and source control processes.
* Engineered a Spark streaming-based stream filtering system on top of Apache Kafka, contributing to real-time data processing capabilities
* Implemented to reprocess the failure messages in Kafka using offset id.
* Implemented Kafka producer and consumer applications on Kafka cluster setup with help of Zookeeper.
* Extending support to other non-cloud background teams on getting started with using AWS resources
* Responsible for writing OOP code in Python for server side scripting.
* Developing scripts for build, deployment, maintenance, and related tasks using Jenkins, Maven.
* Installing, running, and getting results using AppDynamics.
* Installed Apache Tomcat Application Server agents in all major environments and configured them to AppDynamics.
* Created Azure Resource group and provided role-based access control to users using Azure Management APIs.
* Involved in Python OOP code for quality, logging, monitoring, and debugging code optimization.
* Provide performance management support and technical guidance with AppDynamics (Application Performance Management) for Application teams.
* Shell scripting for building and deploying java application to target environments.
* Created Branches, Labels and performed Merges in Stash and GIT.
* Created yum repositories and configured them on the servers and Installed packages with YUM and RPM for WebSphere application servers.
* Experience on writing Shell and Python scripting for automating tasks in Team city.
* Written shell scripting using bash, Ruby and python to automate system administration jobs.
* Used Chef, for server provisioning and infrastructure automation, release automation, deployment automation.
* Installed, managed and implemented various java (JDK7) applications on multiple UNIX platforms.
* Provide support of in-house mail system. This includes daily maintenance and all software and hardware upgrades.
* Worked heavily with AWS and its infrastructure, including **EC2, AMI, ECS**, Elastic Cache, Elasticsearch, **RDS, VPC implementation, IAM, KMS, WAF,** CloudTrail**, CloudWatch, S3, CloudFront, AWS CLI scripting**, **ELB, Route 53, Lambda, DynamoDB, Elastic Beanstalk**, **SQS, SNS** and Security group management.
* O Utilized Cloud Watch to monitor resources such as **EC2, CPU memory, Amazon RDS DB services, Dynamo DB tables, Elastic Block Store (EBS)** volumes to set alarms for notification or automated actions and to monitor logs for a better understanding and operation of the system
* Deployed application which is containerized using **Docker onto a Kubernetes** cluster which is managed by **Amazon Elastic Container** Service **for Kubernetes (EKS).**
* In depth knowledge of **Windows operating system** (including Windows 2016,2012) how to optimize, maintain and patch and utilizing tools like **Chef, Puppet, Scalr, OpenStack and Jenkins**, and using these tools to deliver **automation** of **OS** and **Application build**
* Automated operational tasks using scripting languages (e.g., Bash, Python) for increased efficiency and reduced manual interventions
* Implemented Hadoop clusters on processing Big Data pipelines using Amazon EMR and Cloudera whereas it depended on Apache Spark for fast processing and for the integration of APIs. At the end, we
* managed the above resources using Apache Mesos data streams and configuration management tools such as Kafka, Redis, RabbitMQ.
* Worked on Amazon **AWS EC2** cloud services for build, configuring and troubleshooting on various aws services like **Elastic Compute Cloud (EC2), Elastic Load-balancers, S3, Elastic Beanstalk, IAM, CloudWatch, Route53, SNS, Security Groups, VPC, Autoscaling, Etc.Amazon images** like Amazon **Linux AMI, AIX, Red Hat 4.x, 5.x, Ubuntu 12.x, 13.x**.
* Experience in Designing, developing, implementing and **maintaining network security** solutions with guidance from **Architecture, Compliance, Information Security,** and other teams Provide **support to Security** and Operations teams to solve correct technical challenges related to implementation of security solutions
* Created RFP Micro service to provide **RESTful API** utilizing **Spring Boot with Micro services.**
* Experienced in implementing Micro services, Service Oriented Architecture (SOA) with XML based Web **Services (SOAP/WSDL) using** Top Down and Bottom Up approach.
* Experience in assisting, analyzing and defining **security requirements**& analyzing the results of **quality review** from other staff and make recommendations to address gaps in the current solutions and/or to improve overall **security**.
* Experience in implementation of security solutions supports the technology blueprint and **information security vision of Global Payments**
* Experience in working with different cloud configuration tools & review recommendations and push changes and monitor the cloud infrastructure.
* Experience in **CDK** bootstrap as a tool in the **AWS CDK** command-line interface responsible for populating a given environment (that is, a combination of AWS **account** and region) with resources required by the **CDK** to perform deployments into that environment

**Environment: Amazon Web Services, IAM, S3, cloud watch, Cloud Formation CDK,Checkmarx, ANT, Maven, , SonarQube Tortoise SVN, GitHub, Chef, Ansible, Docker, Java, MongoDB,Spring Boot 1.2.x Agile, Apache HTTPD, Apache Tomcat, J Boss, Bash, Shell, Perl, Python, PHP, Ruby.**

**Client: GE Capital Detroit MI Jan 2020 -Sep 2020**

**Role: Sr. DevOps ENGINEER**

**Responsibilities:**

* Knowledge in **Amazon Web Services** (AWS) environment and good knowledge of AWS services like **Elastic Compute Cloud (EC2), Elastic Load-balancers, S3, Elastic Beanstalk, Cloud -Front, Route53, Cloud -Watch, Cloud -Formation, IAM, VPC, RDB, IoT, DynamoDB, SES, SQS and SNS.**
* Used **AWS Beanstalk** for deploying and scaling web applications and services developed with **Java, PHP, NodeJS**, **Python** and **Docker** on familiar server such as **Apache**.
* Wrote shell scripts to handle server processing migrating applications from .Net to Python monitoring applications and server performance with Splunk and Jenkins.
* Wrote Lambda functions in python for AWS Lambda and invoked python scripts for data transformations and analytics on large data sets in EMR clusters and AWS Kinesi
* Created **snapshots** and **Amazon Machine Images** (AMI) of the instance for backup and created **Identity Access Management** (IAM) policies for delegated administration within **AWS** to create new accounts, **roles** and **groups** and give **permissions.**
* Provided **security and managed** user access and quota using **AWS Identity and Access Management (IAM),** including creating new **Policies** for user management.
* Experience with various AWS cloud resources such as EC2, Lambda, Batch, Elastic Beanstalk, ECR, ECS, EKS, ELB, S3, EFS, RDS, DynamoDB, ElasticCache, VPC, CloudFront, Route53, API Gateway, Auto Scaling, CloudFormation, CloudTrail, Elastic MapReduce, IAM,  
  Key Management Service, WAF & Shield, Step Functions, SNS, and SOs.
* Hands-on experience in development of **Microservices and deploying in Docker**
* Experienced in implementing **Micro services, Service Oriented Architecture (SOA) with XML based Web Services (SOAP/WSDL)** using TopDown and Bottom Up approach**.**
* Involved in Designing and deploying AWS solutions using **EC2, S3, RDS, EBS Volumes, Elastic Load Balancer**, **Auto Scaling groups,** Functions, Apigee, **CloudFormation Templates, IAM Roles, Policies**
* Worked on Amazon **AWS EC2** cloud services for build, configuring and troubleshooting on various **Amazon images** like Amazon **Linux AMI, AIX, Red Hat 4.x, 5.x, Ubuntu 12.x, 13.x**.
* Worked on **Open Stack**, AWS **Cloud Formation**, and **Terraform** API to create infrastructure on AWS as a code. Extensively involved in infrastructure as code, execution plans, resource graph and change **automationusingTerraform**, Managed AWS infrastructure as code using **Terraform**, Expertise in writing new plugins to support new functionality in **Terraform**.

**Environment: Amazon Web Services, IAM, S3, cloud watch, ANT, Maven, SonarQube Tortoise SVN, GitHub, Chef, Ansible, Docker, Fluentd Java, MongoDB,Spring Boot 1.2.xAgile, Apache HTTPD, Apache Tomcat, J Boss, Bash, Shell, Perl, Python, PHP, Ruby.**

**Client: BCBSEAGAN, MN Jul 2019–Dec 2019**

**Role: SITE RELIABILITY ENGINEER**

**Responsibilities:**

* Managing **Amazon Web Services** infrastructure with **automation** and **orchestration** tools such as **Chef**. Proficient in AWS services like **VPC, EC2, S3, ELB**, **Auto Scaling Groups (ASG)**, **EBS, RDS, IAM, Cloud Formation, Route 53, Cloud Watch, Cloud Front, Cloud Trail.**
* Automated setting up server infrastructure for the DevOps services, using Ansible, shell and python scripts.
* Writing build/integration/installation scripts in python and bash as needed Maintain and add features to company-centric Python tool for deployment automation of legacy CloudFormation.
* Created a dashboard in Grafana to monitor cluster resources usage and performance metrics software engineers use to troubleshoot problems with their infrastructure.
* Worked on AWS EC2/VPC/S3/SQS/SNS based on automation Ansible, Python, Bash Scripts.
* Creating Ansible roles Using Ansible Vault in playbooks to protect sensitive data Administrative Support.
* Developed Python and shell scripts for automation of the build and release process
* Experience in building new application and deployment through Ansible and managing them in production environment.
* Involved in design, implementation and modifying the Python code.
* Worked on creation of Ansible manifest files to install tomcat instances and to manage configuration files for multiple applications
* Experience in setting up databases in AWS using RDS, storage using S3 buckets and configuring scheduled backups.
* Developed/customized Python modules like connection/health-monitoring/auto-recovery/scheduler/threading/locking/ synchronization/logging etc.
* Worked on AWS EC2/VPC/S3/SQS/SNS based on automation Ansible, Python, Bash Scripts.
* Creating Ansible roles Using Ansible Vault in playbooks to protect sensitive data Administrative Support.
* Developed Python and shell scripts for automation of the build and release process
* Using Ansible inventories to define groups of hosts Exceptional Customer Service.
* Performed troubleshooting, fixed and deployed many Python bug fixes of the two main applications that were the main source of data for both customers and internal customer service team.
* Build out server automation with Continuous Integration/Continuous Deployment tools like Jenkins/Maven for deployment and build management system.
* Experience on writing Shell and Python scripting for automating tasks in Team city.
* Written shell scripting using bash, Ruby and python to automate system administration jobs.
* Worked on automation testing using python selenium.
* Automated Linux production server's setup using CF templates. Documented release builds and source control processes.
* Responsible for writing OOP code in Python for server side scripting.
* Developing scripts for build, deployment, maintenance, and related tasks using Jenkins, Maven.
* Installing, running, and getting results using AppDynamics.
* Installed Apache Tomcat Application Server agents in all major environments and configured them to AppDynamics.
* Created Azure Resource group and provided role-based access control to users using Azure Management APIs.
* Involved in Python OOP code for quality, logging, monitoring, and debugging code optimization.
* Provide performance management support and technical guidance with AppDynamics (Application Performance Management) for Application teams.
* Created Branches, Labels and performed Merges in Stash and GIT.
* Created yum repositories and configured them on the servers and Installed packages with YUM and RPM for WebSphere application servers.
* Experience on writing Shell and Python scripting for automating tasks in Team city.
* Written shell scripting using bash, Ruby and python to automate system administration jobs.
* Used Chef, for server provisioning and infrastructure automation, release automation, deployment automation.
* Installed, managed and implemented various java (JDK7) applications on multiple UNIX platforms.
* Provide support of in-house mail system. This includes daily maintenance and all software and hardware upgrades.
* Extensive experience in the design and implementation of Continuous Integration, Continuous Delivery (CI/CD),Continuous Deployment, Infrastructure as Code (IAC),Cloud Computing and DevOps processes for agile projects.
* Experienced inBlue/greendeploymentstrategy by creating new applications which are identical to the existing production environment using CloudFormation templates & Route53 weighted record sets to redirect traffic from the old version to the new version via DNS.
* Developed a web-based application**, JSP, Spring MVC** frameworks. Involved in writing Java API for **Amazon Lambda** to manage some of the **AW’S** services. Used **securitygroups**, network **ACL's**, internet gateways and **route tables** to ensure a secure zone for organization in **AWS Public Cloud**.
* Created **S3** buckets in the AWS environment to store files, sometimes which are required to serve static content for a **web application**. Configured **S3 buckets** with various life cycle policies to archive the infrequently accessed data to **storage** classes based on requirement.
* Possess good knowledge in creating and launching **EC2** instances using **AMI's** of Linux, Ubuntu, RHEL, and Windows. Used **IAM** for creating **roles, users, groups** and implemented MFA to provide additional security to **AWS account** and its **resources**.
* Extensively Worked **on Docker for virtualization**, run, ship, and deploy the application securely for efficient build/release engineering. Strong experience working with **Docker Containers, Docker Images for Web Servers,** and Applications servers such as **Apache Tomcat** using Docker.
* Written **ChefCookbooks** for installing **Tomcat**, **JBoss**, **Nginx**, **WebLogic**, **WebSphere** and for configuring **loadbalancers** and **failover**.
* Hands-on experience in **using Kubernetes** to manage containerized applications using its nodes, ConfigMaps, **selector, Services, and deployed** application containers as **Pods.**
* Strong experience with Implementing Microservices, application development, and migration using **AWS/Azure** services such as Azure **DevOps, Kubernetes Service (AKS),** Container Registry, Cosmos DB, and **Grafana, Azure pipelines, Monitor, RBAC, AWS** **Kubernetes EKS and Kubernetes API** to run workloads on **EKS Clusters.**

**Environment: Puppet, GIT, TFS 2017/2018(Team Foundation Server), VSTS, Version One, Jenkins, SVN, Perl/ Shell, TOMCAT, JIRA, VMware, RHEL, Apache, WebLogic, Maven, Docker, Splunk.**

**Client: GE Healthcare May 2018 -June 2019**

**Role: Devops Engineer**

* Managing the VMware (**ESX** / **ESXi** / **Cluster** / **Data Center**) environment Capacity. both available capacity and utilization capacity. Written Designing documentation according to **ITIL methodology** and **VMwaredesignmethodology**
* Configuring and troubleshooting **VMware vSphere Cluster, HA Services, DRS, FT** and **vMotion**. Covering several domains within the capacity **planning** process: **AIX, RedHat Linux, VMware vSphere, UCS Blades, Networking** and **Storage.**
* Installing, configuring and administering **Jenkins CI tool** on **Linux machines**. Used **Jenkins**, **TeamForge** for **ContinuousIntegration** and deployment into **TomcatApplicationServer**.
* Maintained **ChefServers** and **managementapplication** that can use **ServiceNow** (**CI**) data to bring computers into a desired state by **managingfiles**, **services**, or **packages** installed on **physical** or **virtualmachines**.
* Involved in merging, delivering and rebasing from dev branch to higher level branches in **GIT**. Used **Nexus** tool to **manage** the repository in **Maven** and used the same to share the **snapshots** and releases of internal projects.
* Used **Subversion** (SVN) as **sourcecode** repositories and managed its repositories for **branching**, **merging**, **tagging**. Coordinate/assist developers with establishing and applying appropriate branching labeling/ naming conventions using **GITsourcecontrol**.
* Implemented **rapid**-**provisioning** and life-cycle management for Red Hat Linux using Kickstart and **Chef**. Using **Chef**, deployed and configured **Elasticsearch**, **Logstash** and **Kibana** (ELK) for **log analytics**, full text search, application monitoring in integration with AWS Lambda and Cloud Watch.
* Configured **Cloud Watch** and **Splunk** to **monitor** real-time granular metrics of all the AWS Services and configured individual dashboards for each resource Agents. Approve customer requests for new builds based on the certified hardware and software documents. Worked with **BambooContinuousIntegration** tool and **resolvecompilation** and **deploymenterrors**.
* Set up **CI** (**ContinuousIntegration**) for major releases in **Jenkins** and **TeamCity**. Configured and maintained **Jenkins** to implement the CI process and integrated the tool with **Ant** and **Maven** to schedule the builds.
* Deploying Java Enterprise applications to **Apache Web Server**, **JBossApplicationserver**. Contributions to various other open-source projects on GitHub/bitbucket. Configuring the **Docker** containers and creating **Docker** files for **POCenvironments**.

**Environment: GIT, Jenkins, Maven, Chef, SCM, Tomcat, Docker, DNS, DHCP, SAMBA, TeamCity, Team Forge.**

**Client: GE Transportation Melbourne FL May 2017– Apr 2018**

**Role: DevOps Engineer**

**Responsibilities**

* Build the **AWSInfrastructure** using **VPC, EC2, S3, Route 53, EBS, Security Group, Auto Scaling,** and **RDS** in **Cloud Formation**. Supported and developed tools for **integration**, **automated** testing and **releasemanagement**. Used **Cloudwatch** for **monitoringserver’sCPUperformance** and **memoryutilization**.
* **Managing** a team of **DevOpsEngineer** for infrastructure support on **AWScloud**. Creating **cloudformationscripts** for hosting software on **AWScloud**. Automating the installation of software’s through **powershellscripts**.
* Configuring and Networking of **Virtual Private Cloud** (**VPC**) Written **Cloud formation templates** and deployed **AWS resources** using it. Setup **Elastic Load Balancer** for distributing **traffic** among multiple **WebLogicservers**. Integration of web portal and users associated with **S3bucket**.
* Configured **AWSEC2Instances** using **AMIs** and launched instances with requirements of specific applications. Automated various service and application deployments with Ansible on **CentOS** and **RHEL**.
* Written playbook using Ansible modules such **as yum, Copy, File, get\_url, git, ping, service, template, debug, synchronize**, user.
* Created **Ansibleplaybooks** for various **automationpurpose**, **filecopy**, **permissionchanges**, **configurationchanges**, path specific **foldercreation**, etc.
* Experience on **shell** and **python** scripting with focus on DevOps tools, CI/CD and AWS **CloudArchitecture** and hands-on Engineering.
* Involved in day-to -day **SystemAdministration** tasks on **RHEL**/**CentOS** 5.x/6. x. Followed agile principles and used **JIRA** for maintenance and **Bug** development tasksRed hat OS patching, OS Install and maintenance, Switch, Router config, ESX, RHEL 6/7/8 Administration.
* Hands on experience in **Red Hat Operating system** like **installing, maintenance, patching, troubleshooting, customization (i.e. oracle hosts).**
* Implemented Continuous Integration using **Jenkins** and **GIT.** Administration of DevOps tools suite: **PuppetEnterprise**, **AWS**, **Teamcity**, **GitHub**, **JIRA**, **Confluence**, **rundeck**, **Puppet**, **OctopusDeploy**, **Splunk** and **ELKstack**.
* Used **PUPPET** for automation of repetitive processes done in **Apacheuseradministration**, **filemanagement** and **managingfile** and **directorypermissions** in different environments.

**Environment: AWS, Puppet, GIT, GitHub, JIRA, Run deck, Confluence, Shell Scripting, Splunk, Jenkins, SVN, RHEL, CentOS, Cloud Formation.**

**Client: SAPIENT, Bengaluru. Oct 2013-Jul 2016**

**Role: Linux Engineer**

* Deployed and configured, windows 2000/ 2003/ 2008, Servers with **Active Directory Domain Controllers, Group Policy, Internet, TCP/IP** and **Routing** concept. Capable of Creating new **databaseinstances**&**managingtableSpaces**, **users**&**roles**.
* Developed **UNIX** and **Bashscripts** for manual deployment of the **code** to the different environments and keep the team updated when the **build** is completed.
* Maintained **file system** security and controlled **system access**, to increase the **system efficiency**, scheduled system related **Cron jobs**.
* Experienced in configuring **domain** information **utilities**, such as **ActiveDirectory**, **LDAP**, **DHCP**, **WSUS**, and **DNS**.
* Monitored System Activities like **CPU**, **Memory**, **Disk** and **Swapspace** usage to avoid any **performance**. Responsible for writing/modifying **scripts** using **shell** and **bash** for **day-to-day administration**.
* Modified **Kernelparameters** to improve the **server performance** in Linux. Creation of **Logical volumes (LVM)** for Linux operating systems.
* Created and maintain **buildautomationshell**, **managebuildingfixes**, **merges**, **releasecuts** as needed, written scripts for environment changes in **Bash, Perl** and **Python** for **Web-sphere mapping** modules to the enterprise application.
* Configured **Veritas Storage Foundation Suite, Volume Manager, Cluster Servers** & **Veritas File systems** (Vxfs).

**Environment: RHEL, MySQL, Perl Scripts, JIRA, Apache, VMware, Cron, PHP, Nagios, Virtual Box.**

**Certification:**

**Amazon Web Services Certified Solutions Architect Associate.**

**Education:**

**Bachelor of Technology from Jawaharlal Nehru Technological University, INDIA.**