**PROFESSIONAL SUMMARY:**

* Overall 10+ years of extensive experience in Software Development Life Cycle **(SDLC)** including requirement analysis, design specification, scripting, coding, and testing of enterprise applications. Automating, configuring, and deploying instances on **Cloud environments** **(AWS, Azure, GCP)** and **Datacenters**.
* Expertise in **Linux** environment, automation of build tools, configuration management tools following **Agile** methodology and **SDLC** including monitoring, configuration, troubleshooting and maintenance in cloud and **DevOps** Environment with Continuous integration and Continuous Delivery (**CICD**) process.
* Expertise in working with AWS provided Solutions like EC2 and ELB which includes Creating EC2 instances, adding EBS volumes for EC2 and familiar with VPC, Route 53, RDS, S3, IAM, SNS, SQS, ECS, EKS, SWF, SES, Auto scaling, Storage gateway, Elastic Beanstalk, CloudFormation and CloudWatch.
* Automated whole management process and achieved required state of environment by using configuration management automation tools (**Ansible** and **Chef**) in creating continuous delivery systems.
* Managing the **OpenShift/Kubernetes** Resources such as **Service** (SVC), **Pods**, **Image Streams** (IS), **Build Config** (BC), **Deployment Config** (DC), **Replication Controllers** (RC), **Persistent volumes** & **Persistent volume Clai**m (PV & PVC).
* Good experience onbuilding the infrastructure on **AWS Cloud** like Instances, **ELB**, **EBS, S3 Buckets, Security Groups, Subnets, Auto Scaling, AMI, RDS, Route 53, AWS Shield, AWS Lambda, AWS Guard, VPC, ECS** and **EKS** services from scratch using **Terraform** modules.
* Designed customized infrastructure in **AWS** with **terraform** scripts to create custom sized **VPC, Subnets, NAT** to ensure successful deployment of Web applications and database templates and expertise in architecting secure VPC Solutions in **AWS** with the help of Network ACLs, Security groups, and public and private network configurations.
* Created **Python** Scripts to Automate **AWS** services, include web servers, **ELB**, **Cloud front Distribution**, **database**, **EC2 and database security groups**, **S3 bucket** and application configuration, this Script creates stacks, single servers or joins web servers to stacks.
* Worked on creating, maintaining, and upgrading **Kubernetes EKS cluster** in **offline & Air-gapped Environments** using **Ansible Playbook**. Handled application deployments and production issues in Kubernetes clusters.
* Deployed application which is containerized using **Docker** onto a **Kubernetes** cluster which is managed by Amazon Elastic Container Service for Kubernetes (**EKS**).
* Good Experience in migrating on premise to the Windows Azure DR using **Azure Recovery Vault and Azure backups**, **Azure Fabric**, Docker containers to the cloud in Azure and created Domain Controller in one of the Virtual Machine and added users to Domain Controller.
* Worked on Azure spring cloud escalated and user authentication, service interruptions with **Azure** **Virtual Machines** (their host nodes) and associated **virtual storage** **(Blobs, Tables, Queues).**
* Good experience o**n Azure VPN-Point** to Site**, Virtual networks, Azure Custom security**, Endpoint security and firewall. Hands on experience on Backup and restore Azure services.
* Deployed **Kubernetes** clusters using **AKS** managed local deployments in **Kubernetes** creating local clusters and deploying application containers and created **Microservices** applications with integration to **Azure** services by using **Azure AKS,** while providing access to the full suite of **Kubernetes** functionality.
* Experience in providing highly available and fault tolerant applications utilizing orchestration technologies like **Kubernetes** and **Apache Mesos** on **Google Cloud Platform (GCP**).
* Used **Chef** for configuration management of hosted Instances within **GCP**. Configuring and Networking of Virtual Private Cloud **(VPC).**
* Experienced in cloud technologies like AWS, VMWare, PCF, and Azure.
* Implemented **CI/CD** process using **Jenkins, Terraform** and **GKE** on Google **GCP** shared **VPC** environment. Compiled microservices maven builds using **Jenkins** CI process and deployed using docker and Kubernetes to GCP environment namespace such as **dev, QA, UAT and PROD**. Configured and automated infrastructure component such as **GCP’s Cloud Functions, Dataflow, GKE Cluster, GCS, Big Query, Pub/Sub** using terraform deployed via **CI/CD** pipeline. Performed functional and regression test of microservices web application using Selenium tool and integrated with Jenkins CI/CD pipeline.
* Built Jenkins jobs to create **AWS** infra from **GitHub** repositories containing **Terraform code**.
* Worked on **Docker** to automate container deployment through **Jenkins** and Dealt with **Docker Hub**, making docker images and taking care of various Images essentially for middleware establishments.
* Developed Microservice on boarding tools leveraging **Python** and **Jenkins** allowing for easy creation and maintenance of build jobs and **Kubernetes** deploy and services.
* Created **Ansible** roles in **YAML** and defined tasks, variables, files, handlers and templates. Created inventory and configured the **Ansible**files for parallel deployment in Ansible for automating the **Continuous delivery process**.
* Experience in managing **Ansible Playbooks** with **Ansible roles**. Used file module in **Ansible playbook** to copy and remove files on remote systems. Created inventory in **Ansible** for automating the continuous deployment. I wrote the **ansible playbooks** which is the entry point for **Ansible provisioning**, where the automation is defined through tasks using **YAML** format. Run **Ansible Scripts** to provision Dev servers.
* Worked with **Terraform** key features such as **Infrastructure as code**, **Execution plans**, **Resource Graphs**, Change Automation and Implemented **Terraform** reusable modules for deployment of applications across **Azure**, and working with **Azure DevOps Pipelines**, Repos, Boards, Test plan Modules.
* Extensively worked on **Kubernetes** for scheduling, deploying, and managing pods, replication controllers, deployments, labels, health checks and ingress by writing **YAML Files and Helm Charts to deploy and maintain the Deployed Services.**
* Experience in Creating secured cloud infra using (VPC) for Staging and Development environment on AWS. Design & implemented VPC service for extension of customer's on-premises datacenter with AWS Cloud using AWS VPC and VPN & Direct connect services.
* Created projects, **VPC's**, Subnetwork's**, GKE Clusters** for environments QA3, QA9 and prod using **Terraform.**
* Created Docker images by tagging and pushing the images and worked on the infrastructure using **Docker containerization**. Leveraged **Docker** Engine to run Multiple **Tomcat** Instances as **Containerized App Servers**.
* Provided consistent environment using **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 namespaces.
* Worked with **Jira** as defect tracking system and configure various workflows, customizations, and plug-ins for **Jira** bug/issue/improvement tracker and dependent on **Confluence** for documenting about the progress of **Projects** and **Sprints**.
* Managed **Azure Container Registry** to store private **Docker images**, which are deployed and **Azure pipelines** to build, test, and deployments. **Azure Monitor** to collect metrics and logs. Configured **Monitor** to track performance and maintain security, and used **Splunk** tool to collect **metrics**, **queries**.
* Used **Splunk**and **Nagios** to monitor the system logs as well as notify the incident management system upon exceeding thresholds.
* Creation of **Prometheus-Grafana** setup using **Terraform/Ansible** for various targets like **Kafka, Spark, MySQL, node exporters** etc.
* Configured **Virtual Hosts** and **Work Managers** in **WebLogic server** to manage resources.
* Extensive Experience in creating and configuring **Clustered** environments to maintain **load balancing** and **high availability** of applications on **Oracle WebLogic Server/Tomcat/JBoss**.
* Good Experience with Protocols and Utilities like **TCP/IP** and **HTTP**/**HTTPS.**
* Working experience on different **Databases** like **Oracle, DB2, Sybase** and **SQL Server.**
* **Team player** with strong **interpersonal skills**.
* Excellent **organization** and **communication skills** with the ability to liaise at all levels.

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| **Cloud Platforms** | Amazon Web Services (AWS), Microsoft Azure, Google Cloud Platform (GCP). |
| **Scripting & Programming Languages** | Bash/Shell, Python, JSON, YAML, Power Shell, Perl, .NET, JSON, YAML, JavaScript, Java/J2EE, Groovy, PHP. |
| **Operating Systems** | UNIX, Linux, Windows, Solaris, CentOS, Ubuntu, MacOS, Debian, Fedora. |
| **Web Technologies** | HTML, Java Script, XML, Servlets, JDBC. |
| **Web/App Servers** | Tomcat, Apache, Nginx, WebLogic, WebSphere, JBoss. |
| **Monitoring Tools** | Rally, Nagios, Splunk, Grafana, ELK, CloudWatch, Azure Service Health, Azure Network Monitor. |
| **Database** | Oracle, DB2, SQL Server, MySQL, MongoDB, NoSQL, AWS RDS, Red Shift. |
| **CI/CD Tools** | Jenkins, Chef, Puppet, Ansible, Bamboo, Hudson. |
| **Containerization** | Docker, Kubernetes, OpenShift. |
| **Infrastructure as Code** | Terraform, CloudFormation. |
| **Build Tools** | Ant, Maven, Gradle. |
| **Version Controlling Tools** | Subversion, Perforce, GIT, CVS, Bit Bucket, Git Hub. |
| **Release Management Tools** | XL Release, XL Deploy. |

**PROFESSIONAL EXPERIENCE:**

**Synovus Bank, Columbus, GA**

**Oct'20 - Till date.**

**Sr. Cloud Aws DevOps Engineer**

**Responsibilities:**

* Created the **AWS VPC** network for the Instances and configured the Security Groups and Elastic IPs accordingly.
* Hands on experience in Amazon Web Services (**AWS**) provisioning and good knowledge of **AWS** services like **EC2, S3, Glacier, ELB** (Load Balancers), **RDS, SNS, SWF, EBS, VPC, Route 53, Lambda, Cloud watch, Cloud Trial, Auto scaling, Security Groups, Redshift, Directory Services.**
* Optimized costs by assessing resources like instance type, storage type, volumes, and managed services like   
  **Elastic Beanstalk**, **AWS Fargate**, **Elastic Container Services** for best fit.
* Implemented security best practices in **AWS** including multi factor authentication, access key rotation, enforce strong password policy, configured security groups and **NACL**s, **S3** bucket policies and **ACL**s, etc.
* Leveraged **IAM** to manage identities and created custom policies that grant users and roles to access other **AWS** services ensuring least privilege.
* Configured **CloudWatch** alarm rules for operational and performance metrics for **AWS** resources and applications.
* Created scripts for system administration on **AWS** using languages such as **BASH**, **Python** & Created **Lambda** functions to upload code and to check changes in **S3**, **DynamoDB** table.
* Set up the build and deployment automation for **Java, Node** & **AngularJS** projects by using **Jenkins**, **NPM** and **Maven**.
* Worked on building application and database servers using **AWS EC2** and created **AMIs** as well as used **RDS** for **Oracle DB**. Wrote Shell scripts for automating logs backup and archiving.
* Implemented **Continuous Deployment** pipeline with **Jenkins** and **Jenkins workflow** on **Kubernetes.**
* Created and executed automated test scripts in TDD using Selenium **WebDriver, TestNG** and Database as source of Test Data.
* Implemented AWS solutions using **EC2, S3, RDS, Route 53, Cloud front, VPC, AMI, EBS**, Elastic Load Balancer, and Auto scaling groups, Optimized volumes and EC2 instances using API’s.
* Hands on experience on **Azure VPN-Point to Site, Virtual Networks, Azure Custom security, Endpoint Security**, firewall, Windows Azure name resolution, Scheduler, Automation and Traffic Manage.
* Experienced in migrating on-premise to the Windows **Azure** DR using **Azure Recovery Vault** and **Azure backups, Azure Fabric**, Docker containers to the cloud in Azure and created Domain Controller in one of the Virtual Machine and added users to Domain Controller.
* Deployed cloud services (**PaaS** role instances) and **Azure IaaS Virtual machines** (VMs) into secure subnets and VNet and designed Network Security Groups (**NSG**s) to control inbound and outbound access to network Interfaces (**NIC**s), subnets and VMs.
* Experienced in creating Network Security Groups to filter the traffic to and from **Azure Resources** by configuring the Inbound and Outbound rules and associating them with **Subnet** and **Network Interfaces**, creating **Azure Key Vault** to store certificates, Secrets.
* Managed Azure Infrastructure **Azure Web Roles, Worker Roles, VM Role, Azure SQL, Azure Storage, Azure AD Licenses, Virtual Machine Backup** andRecover from a Recovery Services Vault using **Azure PowerShell** and **Azure Portal.**
* Hands on experience with Provisioning Service Fabric Clusters and Application Gateway using **ARM**, **PowerShell** or **Azure Portal** which is a distributed systems platform to deploy and manage Microservices with high availability.
* Proficient in administrating **Azure IaaS/PaaS** services like **Azure Virtual Machines**, Web and Worker roles,**VNET, Network services, Azure DevOps, SQL Databases, Storages, Azure Active Directory, Monitoring, Autoscaling, PowerShell Automation, Azure Search, DNS, VPN, Azure Service Fabric, Azure Monitor, Azure Service Bus.**
* Deployment of MDM Custom components in to **Openshift** environment through **CI/CD.**
* Used **XL Release Orchestration tools** for continuous integration and management of several tasks in deployment process.
* Worked on **Cloud formation** to create cloud watch metric filters and alarms for monitoring and notifying the occurrence of cloud trail events.
* Automated local dev environment using **Vagrant/chef solo**.
* Responsible for the architecture, design, development, integration, and maintenance of **Selenium Grid** with CI/CD Pipeline.
* Monitored **RDS** instances and **Elastic Load Balanc**er for performance and availability.
* Creating builds using power shell scripts and automated **Maven** executions.
* Enforced **DevOps** methodologies and used **Terraform** to spin up the infrastructure on **AWS**.
* Experience in Setting up the build and deployment automation for **Terraform scripts** using **Jenkins**.
* Used **Bash** and **Python** included **Boto3** to supplement automation provided by **Ansible** and **Terraform** for tasks such as encrypting **EBS** volumes backing **AMIs** and scheduling **Lambda** functions for routine **AWS** tasks.
* Debug built failures and worked with developers and QA personnel to resolve related issues.
* Manage and Administer **Apache**, **Tomcat**, **WebLogic**, **WebSphere** and **Jboss.**
* Design and work with team to implement **ELK** (Search, Logstash and Kibana) Stack on **AWS**.
* Experience working **Docker** creating various containers with different distribution in integration with **Ansible**.
* Configured Nagios to monitor **EC2** Linux instances with **Ansible** automation.
* Worked on **NoSQL DBs MongoDB, Cassandra,** and **Relational databases** like **RDS**.
* Creating **Cloud watch** alerts for instances and using them in Auto scaling launch configurations.
* Created **Python Scripts** to Automate **AWS** services, include web servers, **ELB**, **Cloud front Distribution**, database, **EC2** and database security groups, **S3** bucket and application configuration, this Script creates stacks, single servers or joins web servers to stacks.
* Worked with **AMI** effectively a snapshot of the root file system, used a disk image and Linux to boot from arbitrary location on the **EBS** storage network.
* Used **API** as front door for applications to access data, business logic or functionality from back-end services, such as workloads running on **Amazon EC2**, code running on Lambda, web application.
* Installed VM image to host in our datacenter, which supports **VMware**.
* Managed **Kubernetes** charts using **Helm**, created reproducible builds of the **Kubernetes** applications, managed **Kubernetes manifest files** and Managed releases of **Helm packages** and helped in converting **VM** based application to **Microservices** and deployed as a container managed by **Kubernetes.**
* In **Ansible** worked with playbooks, tasks, roles, facts & templates for VAR files also in ansible configured files by conditions by keeping dynamic values and triggering **YML** files.
* Creating **GIT** repositories and give access rights to authorized developers and worker on Artifactory.
* Experience on several **Docker** components like **Docker Engine, Hub, Machine, Compose** and **Registry**.
* Experience in configuring **Splunk** and Integrated Splunk with Active directory and LDAP authentication.
* Experience working on **Docker Hub**, creating **Docker images,** and handling multiple images primarily for middleware installations and domain configurations.
* Automated infrastructure provisioning on **AWS** using **Terraform** and **Ansible**.
* Configured **MongoDB** replica set on **AWS** for caching **HTTP** responses.

**Environment:** Jenkins, Ansible, Confluence, AWS, AWS EC2, IAM, S3, AWS CloudWatch, Route 53, JUNIT, Chef, Nagios, GCP, Subversion (SVN), Ant, Terraform, Helm, Kafka, Docker, GitHub, JIRA, Apache, Tomcat, Java/J2EE, JBoss, Nginx, RHEL, Maven, Kubernetes, OpenShift, Git, Rest API, SOAP, Shell/Bash, Python, Selenium, Linux, Nexus.

**Verizon, Tampa, FL**

**Jan’19 - Sept’21**

**Sr. Cloud Aws DevOps Engineer**

**Responsibilities:**

* Provide highly durable and available data by using **S3** data store, versioning, lifecycle policies, and create **AMIs** for mission critical production servers for backup.
* Configuring and deploying instances on AWS environment and Data centers, also familiar with EC2, CloudWatch, and Elasticsearch and managing security groups on AWS.
* Experience with an in-depth level of understanding in the strategy and practical implementation of AWS Cloud-Specific technologies including **EC2, EBS, S3, VPC, RDS, SES, ELB, EMR, ECS, Cloud Front, CloudFormation, Elastic Cache, CloudWatch, Red Shift, Lambda, SNS, Dynamo DB, Kinesis**.
* Created AWS Launch configurations based on customized **AMI** and use this launch configuration to configure auto scaling groups and Implemented AWS solutions using EC2, S3, RDS, VPC, DynamoDB, Route53, EBS, Elastic Load Balancer, Auto Scaling groups.
* Written Shell scripting to spin up clusters like **EMR, EC2, and amazon RDS.**
* Created functions and assigned roles in AWS **Lambda**to run python scripts.
* Responsible to develop services using .NET/C# code and Web API technology (Restful API)
* Manage the Windows Azure infrastructure for our customers depends on their requirement.
* Integrated existing API's to Azure API management to get all the attributes like security, usage plans, throttling, analytics, monitoring, and alerts.
* Experience working on Service fabric and Azure container service. Designed and deployed architecture for Azure Service fabric.
* Automated the infrastructure using **Terraform** and making it auditable by storing all the infrastructure changes in a version control system like **GIT**.
* Installed Splunk in production servers for logging purpose. Built **Splunk** dashboards for application monitoring. Configured alerts for operational purpose.
* Used Splunk data Connector between **Splunk** Enterprise and Relational Database.
* Worked extensively on building and maintaining clusters managed by **Kubernetes**, Linux, Bash, **GIT**, Docker, on **GCP**(Google Cloud Platform).
* Transform and cleanse the data using AWS EMR using Spark and Hive.
* Experience in **Google Cloud**components, Google container builders and GCP client libraries and cloud SDK’s.
* Process and load bound and unbound Data from Google pub/subtopic to Big query using cloud Dataflow with Python
* Responsible for proper functioning DEV/TEST/STG/PROD environments for these applications.
* Maintaining the Elasticsearch cluster and Logstash nodes to process around 5TB of Data Daily from various sources like Kafka, Kubernetes, etc.
* **AWS EMR** Distribution for Hadoop
* AWS cloud services such as EC2, auto-scaling and VPC to build secure, highly scalable, and flexible systems that handled expected and unexpected load bursts.
* Automated weekly releases with **ANT/Maven** scripting for compiling Java Code, Debugging and placing Builds into Maven Repository.
* Set up CI/CD pipelines for Microservices and integrated tools such as Maven, Bitbucket, SonarQube, Nexus, Docker, Slack for providing immediate feedback to DEV teams after code check-in.
* Used Terraform in AWS Virtual Private Cloud to automatically setup and modify settings by interfacing with control layer.
* Developed **Ansible playbooks**for Auto installation of IBM **WebSphere** software on the servers.
* Deployed application which is containerized using **Docker** onto a **Kubernetes** cluster which is managed by Amazon Elastic Container Service for **Kubernetes** (**EKS**).
* Managed **Kubernetes**charts using Helm. Created reproducible builds of the **Kubernetes**applications, templatize Kubernetes manifests, provide a set of configuration parameters to customize the deployment and Managed releases of **Helm packages**
* Built/deployed custom Docker images from Artifactory into **EKS** K8s cluster as part of a **GitHub** CI pipeline.
* Built and Deployed Docker images on **AWS ECS** and automated the CI-CD pipeline.
* Installed and Configured Enterprise **Jfrog Artifactory**.
* Worked with Docker on multiple cloud providers, from helping developers build and containerize their application (CI/CD) to deploying either on public or private cloud.
* Developed micro service on boarding tools leveraging **Python** and Jenkins allowing for easy creation and maintenance of build jobs and Kubernetes deploy and services.
* Used **ANT** and **MAVEN** as a build tool on Java projects for the development of build artifacts in the Source code.
* Worked with development team to migrate **Ant** scripts to **Maven**.
* Extensively worked on **Hudson, Jenkins** for continuous integration and for End-to-End automation for all build and deployments.
* Responsible for setting up WCBD tool (WebSphere Commerce Build and Deploy) for automation of Build and Deployment process.
* Configured RDS instances using CloudFormation and **Terraform**.
* Managed AWS infrastructure as code using Terraform.
* Created **Puppet** manifests and modules to automate system operations. Created monitors, alarms, and notifications for EC2 hosts using CloudWatch.
* Responsible for analysis of current build and deployment process for application and configure it on uBuild and uDeploy tools.
* Deployed and monitored scalable infrastructure on **AWS** and managing the infrastructure environment with **Puppet**.
* Set up Git repositories and SSH Keys in **Bitbucket** for Agile teams.
* Designing and implementing CI (Continuous Integration) system: configuring **Jenkins** Servers, Jenkins nodes, TFS creating required scripts (**Perl & Python**), and creating/configuring VMs (Windows/Linux).
* Experienced in monitoring servers using **Nagios** and **CloudWatch**.
* Experience in writing shell scripts to automate the administrative tasks and management using cron.
* Generated scripts in **Maven, Perl** **& Bash Shell** for build activities in QA, Staging and Production environments.
* Administered and Installed **Nexus** Artifact repository to deploy the artifacts generated by MAVEN and to store the dependent jars, which are used during the build.
* Installed, Deployed **Red Hat Enterprise Linux, CentOS** and installation of packages and patches for **Red Hat Linux** Servers.

**Environment:** SVN, GIT, Jenkins, Maven, Nexus, AWS (EC2, EBS, S3, VPC, RDS, SES, ELB, EMR, ECS, EKS, Cloud Front, Kubernetes, CloudFormation, Elastic Cache, CloudWatch, BigQuery, Splunk, WebSphere, Bitbucket, Puppet, Java/J2EE, Python Scripts, Jfrog, Docker, XML, Unix (Red Hat Enterprise Linux, CentOS

**First Horizon Bank – Memphis, TN**

**Nov’16 - Dec’18**

**DevOps / Cloud Engineer**

**Responsibilities:**

* Closely worked with applications teams to gather the requirements that are needed to start the build process.
* Designed, architected, and implemented next generation system architecture and automation solutions.
* Responsible for building/deploying consistently repeatable build/deployments to company production and non-production environments using **Jenkins**.
* Implementing and maintaining **CI & CD** Pipelines achieving the end-to-end automation from code checking to artifacts deployment.
* Scanned/Analysed the builds using the **SonarQube** & **Fortify** for effective coding practices.
* Setup and configuring the **JForg** Artifactory to maintaining the dependencies libraries.
* Creating the Jenkins jobs by integrating the **JForg Artifactory** to get compile dependencies.
* Implementing and Configuring **AppDynamic**s APM tool for various .Net and Java applications.
* Help development/support team to troubleshoot performance bottlenecks using **AppDynamics** tool.
* Installed and integrated **BlackDuck** scan tool with **CI/CD** environment by validating applications.
* Involved in monitoring builds, break/fix management, issue tracking, and identifying and resolving wide variety of build-related issues.
* Worked with the development team to generate deployment profiles (jar, war, ear) using **Gradle** scripts and **Jenkins**.
* Installation, configuration, troubleshooting and maintenance of the **WebLogic** and **Apache** web server manually and by using BAP tool installed/built WebLogic domains on **Dev, SIT, UAT, BCP** and **PROD** environments.
* Designed GIT branching strategies, merging per the needs of release frequency by implementing **GIT** workflow, make developers to understand it.
* Created the application components and applications. Configuring the corresponding application components to applications in Urban code station (**UDeploy**).
* Using **CI/CD** Pipeline to Deploy, Test and Execute the code from **DEV**, **SIT** and **QA** Environment to Prod Deployment.
* Develop and Enhance the **Jenkins** pipeline Code in **Groovy Scripting**.
* Applications are sent through different stages- Build, Deploy, Test and Promote to various environments.
* Pipeline is configured for Entry and Exit approval to env's to complete the **CI/CD** Process.
* Bug Fixing on **Jenkins** Pipeline structure as identified for Build & Deployment enhancements.
* Fixing the Defects on pipeline code and identifying the pipeline requirements and Enhancing the **Jenkins** Build Process.
* Improving the scan of the applications using the **Sonar, Fortify, Checkmarx, BlckDuck** scan's.
* Identify Gaps and issues in between the Applications and assisting teams in migrating the existing applications to the Shared Libraries Modules.
* Applications consuming the regular Jenkins to be Migrated to common Pipeline code to consume **CI/CD** Pipeline features.
* Work on integrating the standard Jenkins pipeline with other **CI/CD** tools (**Github, Artifactory, uDeploy, BlackDuck, Pivotal Cloud Foundry, Database, TFS, SonarQube**)
* GitHub repository on merging the code repo & Using **uDepoly** to perform a Blue Green Deployment in Non-prod & Prod.
* **PCF**, **Database** and **SonarQube** with be used to host and apps and Run security scans over the application.
* Created environments and mapping the agents to corresponding environments in **UDeploy**.
* Setup and configured automated application deployment process through **UDeploy** and resolve any deployment problems.
* In U-deploy designing the application process for doing deployments on all environments like **DEV, SIT, UAT, BCP and PROD**.
* Troubleshot issues, including the ability to work between software developers and our infrastructure to determine root-cause for an issue.
* Developed **Powershell** and **Python** scripts to automate BlackDuck batch scans and to integrate with other Devops tools (**TFS, Artifactory, Jenkins**)
* Migrated over 2000+ Applications into **BlackDuck** and **Checkmarx** to view vulnerabilities that have been identified in open-source components.
* Worked with **BlackDuck** vendor (Synopsis) on false positives, helping them with the dry run files and implementation of version upgrade (Installation using **Docker** swarm).
* Performed weekly maintenance reboots of production servers, troubleshooting and replacement of server hardware, contacted server support for any issues not resolved by our team.
* Involved in performance tuning of targets, sources, mappings, and sessions.

**Environment:** GIT, GitHub, AWS, Docker, Shell, Linux, ANT/Maven, Gradle, Enterprise Jenkins, Jfrog Artifactory, uDeploy, TFS, Tomcat, Java, J2EE Applications, AppDynamics, Splunk, BlackDuck.

**Intuit, San Diego, CA**

**Jan’13 - Oct’16**

**DevOps Engineer**

**Responsibilities:**

* Deployed and monitor scalable infrastructure on Amazon web services (AWS) & configuration management using **puppet**.
* Involved in maintaining user accounts **(IAM), SQS, SNS** Services on AWS cloud.
* Create develop and test environments of different applications by provisioning Kubernetes clusters on AWS using **Docker**, OpenShift, Ansible, and Terraform.
* Designed puppet modules to manage configurations and automate install process.
* Wrote **Puppet** manifests for deployment and configurations. Deployed Puppet DB.
* Extensive experience in implementing Continuous integration systems for Java based projects using **Ant, Maven, Jenkins and Hudson**.
* Experience in Azure Cloud on ASM portal and all Infrastructure modules.
* Consume a Restful API developed by the API team.
* Worked with development/testing, deployment, systems/infrastructure and project teams to ensure continuous operation of build and test systems.
* Built application and database servers using AWS **EC2** and used **RDS** for **Oracle DB**.
* Experienced with version control tools like **GIT** and **SVN** and integrated build process with Jenkins.
* Hands on experience in automating builds and deployment process using Shell scripting.
* Utilized CloudFormation and **Puppet** by creating DevOps processes for consistent and reliable deployment methodology.
* Migrated from **SVN** to GitLab Server and internal to **GitLab** servers.
* Setting up schedules for backups and monitoring processes.
* Diagnosed and resolved systems related tasks in accordance with priorities setup in dealing with trouble tickets.
* Responsible for maintaining standard operation procedures for storage environment.
* Updated **YUM** Repository and **RedHat Package Manager (RPM)**.
* On-call support for 24/7 for troubleshooting production issues.
* Configured Elastic Load Balancers with EC2 Auto scaling groups
* Configured servers to host Team Foundation Server (TFS) instance, build controllers and build agents.
* Scripting in multiple languages on UNIX, LINUX and Windows - **Batch, Shell script**.

**Environment:** AWS (SQS, SNS, IAM), Linux distribution (Ubuntu, Red Hat Enterprise Linux), RPM, Shell scripting, Jenkins, Kubernetes, Maven, Ant, VMware, Puppet, Git, GitLab, SVN and Oracle.