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**Professional Summary:**

* Over **9+ years** of experience specialized in **System Administration** working on **Red Hat** **Linux, Solaris, SuSE Linux, AIX, CentOS, Fedora, OEL, Windows environments**, and **VMware vSphere.**
* Installation and up gradation of Packages and Patches configuration management, version control, service pack. & reviewing connectivity issue regarding security problem.
* Experience in maintaining Atlassian products such as JIRA, Confluence, Fisheye, Bamboo, Crowd etc.
* Configured **SonarQube** for code analysis in Jenkins.
* Managed Amazon Web Services (**AWS**) infrastructure with automation and configuration management tools such as Puppet, Chef. Designing cloud-hosted solutions, specific **AWS** product suite experience.
* Adaption in Installation, Configuration of RHEL/Windows operating systems
* Extensively worked with tools like Jenkins implement build automation.
* Proficient in all aspects of software life cycle like Build/Release/Deploy through open-source DevOps tools like **Jenkins**.
* **Designed Jenkins Architecture.**
* Deployed **JAR, WAR, EAR and J2EE** applicationson application server(s) using Jenkins auto deployment.
* Hands on experience in writing **Bash Scripts.**
* Hands on experience in Installing and maintaining the machines with updated patches and necessary client software packages by using package management tools like **npm/rpm/yum**.
* Highly experienced with source code management tools like **Git, Bitbucket**
* Experienced with software build automation tools such as Maven for the software project management.
* Proficient in using JIRA software with Jenkins and **GitHub** for real time bug tracking and issue management.
* Expertized in implementing Agile and SDLC software development methodologies.
* Deploying **Chef** to completely provision and manage **EC2** instances, volumes, **DNS** & S3.
* Used **CloudFormation** to create infrastructure Stack using Templates and achieved automation using **Chef** (ruby scripts).
* Used **CloudWatch** to monitor server services like logs, **CPU**, **RAM** and disk storage.
* Automated build and deploy process for **Tibco** Applications using **Jenkins** as **CI/CD** tool.
* Configured various **build** and **deployments** using **Jenkins** **pipeline** concept.
* Performed the automation using **Puppet Configuration** management.
* Designed and developed distributed private cloud system solution using **Kubernetes** on **CoreOS**.
* Puppet modules for **TOMCAT** and **WEBSPHERE**.
* Extensive experience with **Continuous Integration** **tools Jenkins,** and good working knowledge on source **repository management tools** like **GIT, SVN**
* Experience in implementing **Puppet, Chef** and **DevOps** monitoring tools in huge infrastructure environment.
* Tested Cookbooks with Test Kitchen even before uploading to **Chef Server**. Developed multiple chef cookbooks from scratch.
* Wrote recipes to configure chef nodes excellent configuration management using **Chef**, also experience writing chef cookbook and recipes to automate the deployment process and to integrating chef cookbooks into Jenkins jobs for a continuous delivery framework.
* Experience in configuring **Azure** web apps, **Azure** App services, Azure Application insights, Azure Application gateway, Azure DNS, Azure Traffic manager, App services, Analyzing Azure Networks with **Azure Network Watcher**, Implementing Azure Site Recovery, Azure stack, Azure Backup and **Azure Automation**.
* Created Azure SQL database, performed monitoring and restoring of **Azure SQL database**
* Experience in database design and development using **SQL Azure, Microsoft SQL Server, Microsoft Access**.
* Configured and monitored distributed and multi-platform servers using chef. Defined **Chef**Server and workstation to manage and configure nodes.
* Developed CI/CD process on Jenkins, utilizing **Kubernetes** and Docker for the runtime environment for the CI/CD system to build and test and deploy
* Strong proficiency in supporting Production Cloud environments **(AWS, Azure, VMware)** as well as traditional managed hosted environments.
* Experience in Installing, upgrading and configuring **Red Hat Linux 5.x, 6.x and 7.x** using Kickstart Servers
* Good working knowledge of **AWS** Data Pipeline to move data between instances stored in **AWS EC2** instances and computer instances. This has been applied using **Congo DB**
* Participated, documented, managed ITIL controls and supported **Linux** environment.
* Expertise in scripting for automation, and monitoring using power **Shell, PHP, Python & Perl** scripts.
* Hands on experience in using Build tools such as **Maven**, Ant, Apache Ivy, **Gradle**, **Groovy**, **MSbuild**, **NANT**
* Experience in Installing Firmware Upgrades, kernel patches, systems configuration, performance tuning on Unix/Linux systems.
* Installation and configuration of **JBoss**, **Web Sphere Application Server** on Linux and **Solaris** boxes.
* Experienced in Trouble shooting and Back and Recovery.

**Technical Skills:**

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| --- | --- |
| **Operating System** | Linux, Unix, Windows 8/7/Vista/XP/2003/2000/NT/98. |
| **Programming Languages** | C, C++, HTML, CSS, Javascript, Java, PHP, Webservices, Restful API. |
| **Configuration Management** | Puppet, Chef, ANSIBLE. |
| **Source Version Control** | GIT, Github, SVN, Bitbucket. |
| **CI/CD** | Jenkins, Hudson, Bamboo,Teamcity, CircleCi |
| **Build Tools/Scripting tools** | ANT, Maven, Shell Scripting. |
| **Monitoring Tools** | Nagios, ELK, Splunk, NewRelic |
| **Databases** | Oracle, MS SQL Server, MS Access. MongoDB |
| **Ticket Tool** | Jira, ServiceNow |

**Professional Experience:**

**Client: Lowes, Charlotte, NC. Mar “20 – Present**

**Role: Sr. DevOps Engineer**

**Responsibilities**

* Used Groovy Scripts for **CI/CD** pipeline builds, and actively involved in entire pipeline setup and **Jenkins** configuration.
* Configured various git **webhooks** for CI operations
* Experienced in Atlassian confluence; created and developed multiple pages
* worked and supported in various java application migration to **Jenkins** **pipeline**.
* Worked with Development/Operations/**Testing** teams to ensure cross communication
* Wrote Shell scripts to automate **Build** and **release** process.
* Experience in writing **shell scripts (linux/unix**) to customize application specific use-cases.
* Good knowledge on Cloud based services like **GCP**, **Microsoft** **Azure**.
* Hands-on provisioning of services, **monitoring**, upgrading software, configuration management, and understanding and maintaining peripheral services in linux/unix.
* **Linux / UNIX** System Administration.  
  **-** Set up and administer user and groups accounts, setting permissions for users.  
  **-** Built and installed multiple **Linux** machines.  
  **-** System and Application troubleshooting and other related issues.  
  **-** Planned and executed packages and updates installations.
* Well acquainted with all phases of **SDLC & STLC.**
* Strong Experience in Automating Web Applications using **Selenium** **WebDriver** with **TestNG**.
* Experience in preparing **Cucumber** feature files (User Stories) and automated the feature file using **Selenium**.
* Creating and Executing test scripts for regression testing of web applications using **selenium** & **cucumber**.
* Experience in logging defects using **JIRA**, performed defect tracking and reporting.
* Good knowledge and experience in using Prometheus and **Grafana** for logging and monitoring.
* Created Alerts and **monitoring** **dashboards** using Prometheus and **Grafana** for services deployed in the cloud/On-Prem
* Worked on each phase of lifecycle of build system - from analysis, development, implementation and support of builds, unit testing and deployments.
* Designed and implemented the backup strategy for all the critical systems such as build machines, bug tracking tools, central repositories etc.
* Installed/Configured/**Managed Puppet Master/Agent.** Wrote custom Modules and Manifests, downloaded pre-written modules from puppet-forge. Upgradation or Migration of **Puppet** Community and Enterprise.
* Proficient in using all **Amazon** **Web** **Services** including **EC2, EBS, IAM, S3, ELB.**
* Migrated services from a managed hosting environment to **AWS** including service design, network layout, data migration, automation, monitoring, deployments and cutover, documentation, overall plan, cost analysis, and timeline.
* Involved in troubleshooting of Red Hat Linux server issues and hardware issues and replacements.
* Wrote Python Scripts to Monitor Variety of Services &**Perl** **Scripts** with Hash/Arrays to Insert/Delete/Modify content in multiple servers.
* Worked with the hardware vendors and application team for the faulty replacement and planning the downtimes accordingly.
* Applied patches every quarter regularly to meet audit requirements using **Oracle Ops Center, Red Hat Satellite server, Up2Date, YUM, RPM tools.**
* Creating the file systems using Red Hat volume manager and performing the health check on regular basis for all Linux servers.
* Worked with JIRA for creating Projects, assigning permissions to users and groups for the projects & Created Mail handlers and notification Schemes for JIRA.
* Have good working experience of **CI/CD** ecosystem tools ranging from **Jenkins**, **SonarQube**, **Nexus**, **Artifactory**.
* Worked in building project branches, creating pull requests, merging them and releasing them using version control tools like **GIT/Bit Bucket.**
* Setup Continuous integration with **Jenkins** and make use of wide range of **plugins** available to setup smooth developer friendly workflows.
* Setup full CI/CD pipelines so that each commit a developer makes will go through standard process of software lifecycle and gets tested well enough before it can make it to the **production**.
* Using maven for building applications and writing structured pom which can be consumed by **Jenkins**.
* Setup SonarQube projects which corresponds to bit bucket projects and provide code analysis different programming standards.
* Setting up code coverage using **Jacoco** and **SonarQube**.
* Provide continuous testing with selenium testing which involves end-to-end, **API** and **UI** **frameworks**.
* Provide support for teams on how and what branching strategies to be followed.

**Environment**: JIRA, Confluence, Bitbucket, Azure, Web-logic GIT, MAVEN, ANT, Jenkins, Docker, VM Ware, Ansible, Kubernetes, Jfrog Artifactory, Nexus, XRAY, Mission Control, Shell Scripts, Bash, Terraform, Packer.

**Client: Yes Mail, Chicago IL**

**Role: Sr. DevOps/Build Release Engineer Jan “19 to Feb “20**

**Responsibilities:**

* Experience in Software Integration, Configuration, building, automating, managing and releasing code from one environment to another environment and deploying to servers.
* Involved in supporting cloud instances running Linux and Windows on AWS, experience with Elastic IP, Security Groups and Virtual Private Cloud in AWS.
* Extensive experience on configuring **Amazon EC2, Amazon S3, Amazon Elastic Load Balancing IAM** and Security Groups in Public and Private Subnets in VPC and other services in the AWS.
* Managed network security using Load balancer, Auto-scaling, Security groups and **NACL**.
* Experience in Python programming for deployment of **Java** applications and implementation and automation of **Shell** scripts for release and build automation.
* Experience in migrating build.xml into pom.xml to build the applications using Apache **MAVEN**.
* Extensively worked on Jenkins CI/CD pipeline jobs for end-to-end automation to build, test and deliver artifacts and Troubleshoot the build issue during the Jenkins build process.
* Implemented Jenkins Code Deploy plugin to deploy to **AWS** and used to automate the build process and deploy the application to Tomcat server.
* Created Route tables to route the traffic to find whether it is public or private network.
* Used Bootstrap Script for launching large number of instances in **AWS**.
* 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 Chef for configuration management of hosted Instances within AWS, Configuring and **Networking** of Virtual Private Cloud (VPC).
* Used Cloud Front to deliver content from AWS edge locations to users, allowing for further reduction of load on front- end servers.
* Responsible for build and deployment automation using **AWS**, **Docker**, **Kubernetes** containers and **Chef**.
* Focused on containerization and immutable infrastructure. **Docker** has been cored to this experience, along with Kubernetes. Experienced in using Docker Swarm and deployed spring boot applications.
* Developed container support for cloud environments and Docker. Deployed the applications in Docker containers and managed the containers in 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 and implemented chef cookbooks for deployment and used **Chef** Recipes to create a Deployment directly into Amazon EC2 instances.
* Developed **Chef** **Cookbooks** to manage system configuration and for **Tomcat**, **MySQL**, Windows applications and versioned them on GIT repositories and Chef Server
* Installed RedHat Linux using kick start and applying security polices for hardening the server based on company's policies.
* Created users, roles and groups using Identity Access Management (IAM) and attached the required policies.
* scripting of administration tasks using CLI, **Power Shell, Shell and Ruby.** Built upstream and downstream jobs in Jenkins to build and deploy onto different environments.
* Performed Branching, Tagging, Release Activities on Version Control Tool **GIT** (**GitHub**).

**Environment**: JIRA, Confluence, Bitbucket, Azure, Web-logic GIT, MAVEN, ANT, Jenkins, Docker, VM Ware, Vagrant, Puppet, Ansible, Kubernetes, Jfrog Artifactory, XRAY, Mission Control, Puppet, Shell Scripts, Bash, Terraform, Packer.

**Client: Nike, Beaverton OR**

**Role: Sr. DevOps/Build Release Engineer October “17 to Dec”18**

**Responsibilities:**

* Working with other team on areas related to Ansible for Cloud Automation.
* Developed build and deploy scripts using **Groovy**, **Python** and **UNIX** for various products to be hosted on Application Servers.
* Implemented rapid-provisioning and life-cycle management for **Ubuntu** **Linux using Amazon EC2, Chef,** and custom **Bash scripts**.
* Worked on Auto scaling, **AWS** **Elastic Beanstalk** (app deployments), **Amazon** **S3**(storage) and **Amazon** **EBS** (persistent disk storage).
* Extensive experience in Amazon Web Services (IaaS) migrating like creating AWS VMs, storage accounts, VHDs, storage pools, migrating on premise servers to AWS Cloud and creating availability sets in AWS.
* Developed automation framework for Application Deployments to the cloud environments.
* Managed and optimize the Continuous Delivery tools like Jenkins.
* Installed, Configured, Administer Jenkins Continuous Integration Tool.
* Automated Continuous **Build** and **Deploy** **Scripts** for **Hudson**/**Jenkins** Continuous Integration tool.
* Created local, virtual repositories in **Jfrog** **Artifactory** and integrated with **Jenkins**.
* Provided UNIX scripts for deploying and building the system.
* Worked with JIRA for issue tracking and monitoring.
* Experience in installing and configuring **Splunk** tool 3.x and 4.x versions on Linux machines.
* Experience writing **Shell, Perl** and **Python** scripts to automate the deployments.
* Ability to build deployment, build scripts and automated solutions using Python, Perl.
* Experience in configuring **Azure web apps, Azure App services, Azure Application insights,** Azure Application gateway, Azure DNS, Azure Traffic manager, App services, Analyzing Azure Networks with Azure Network Watcher, Implementing Azure Site Recovery, Azure stack, Azure Backup and Azure Automation.
* Experience in database design and development using **SQL** Azure, **Microsoft** SQL Server, Microsoft Access.
* Lead Migration of all the build and agile tools from one datacenter to another and datacenter to **AWS** with minimal downtime.
* Designed Artifactory Global **ASG** setup plan
* Extended an existing **puppet** from operations tools startup to enable seamless full infrastructure provisioning for site redundancy and staging/development environments.
* Configured and Maintained **Artifactory** HA for dependency management.
* **Artifactory** **Migrations** from one instance to other instances, **Artifactory** plugins, **Artifacts** clean ups.
* **Artifactory** Enable AD Group Sync & Validation of permission scheme using AD groups
* **Artifactory** **Jfrog** **Mission** **Control**
* **Installed Jfrog Mission Control** forthe **Global Artifactory.**
* Configured **Jfrog** XRAY to run scans on artifacts deployed and **Artifactory** Mission Control to handle multi-tenant Artifactory across geos.
* Hands-on experience in Deployment with Chef, Ansible towards AWS or Azure, and Terraform for building, updating, and versioning infrastructure efficiently, and creating custom in-house solutions with Chef or Ansible configurations.
* Expertise in integrating Terraform with Ansible, Packer to create and Version the AWS Infrastructure, designing, automating, implementing and sustainment of Amazon machine images (AMI) across the AWS Cloud environment.
* Managing security groups on AWS, focusing on high-availability, fault tolerance, and auto-scaling using Terraform templates.
* Extensive experience in installing, configuring and administering **Jenkins CI tool** on Linux machines. Used Jenkins pipelines to drive all Microservices builds out to the Docker registry and then deployed to Kubernetes, Created Pods and managed using Kubernetes.
* Deployed Dockers Engines in Virtualized Platforms for containerization of multiple apps.

**Environment**: JIRA, Confluence, Bitbucket, Azure, Web-logic GIT, MAVEN, ANT, Jenkins, Docker, VM Ware, Vagrant, Puppet, Ansible, Kubernetes, Jfrog Artifactory, XRAY, Mission Control, Puppet, Shell Scripts, Bash, Terraform, Packer.

**Client: State Street - Boston, MA**

**Role: DevOps/AWS Engineer Feb “16 to Sep”17**

**Responsibilities:**

* Developed and implemented Software Release Management strategies for various applications according to the agile process.
* Manage relationships and coordinate work between different teams at different locations.
* Communicate release details and schedules to the Business as required.
* Conduct Release Readiness reviews, Milestone Reviews, and Business Go/No-Go reviews.
* Communicate all key project plans, commitments, and changes including requirements, QA plans, schedule, and scope changes.
* Configure and administrator **Atlassian** tool suite - **Bitbucket**, **Crowd**, **Jira**, **Confluence**.
* Responsible for administration, maintenance, upgrades and enhancements to JIRA, Confluence, Bitbucket and integrations with other tools or plugins.
* Administration of Atlassian Add-ons and 3rd party integrations, plugins, and extensions
* Gather requirements for business processes, and determine ways to optimize/improve JIRA/Confluence build and configure complex workflows and screen, field, security, and notification schemes
* Develop metrics dashboards and advanced filters in JIRA to provide end-users and business leadership with meaningful operational/performance metrics and status reports
* Implement Atlassian Tools upgrades, and partner with other IT staff to coordinate infrastructure maintenance and system migrations.
* JIRA Agile (formerly Greenhopper), installed plugins for Confluence, experience maintaining custom Java custom reporting in JIRA
* Develop & maintain custom JIRA workflows based upon business requirements
* **JIRA** workflows (with conditions, validators, and post functions), screen schemes, permission schemes, and notification schemes.
* Conduct user-training and help-sessions for new features or implementations
* Built Subversion from source code to meet custom requirements and lead migrations from UberSVN to Subversion and its administration.
* Configured and administered GITHUB Enterprise in AWS with High Availability (HA) enabled and handled Migrations from **Subversion**, **TFS**, **Gitlab** to **GITHUB**.
* Handled consolidations and migration of 100's of Jenkins instances to one single clustered, **dockerized** Enterprise Jenkins instance with HA enabled.
* Built custom containers to meet organization, team specific needs and security guidelines.
* Configured **Cloudbees** Enterprise Jenkins instance to help utilize resources effectively and provide self-service to user base as much as possible.
* Experience in writing **Jenkins** Pipeline **Groovy** Scripts for Continuous Integration, Used Jenkins uploading Artifacts into Nexus Repository and deployed those artifacts into docker containers.
* Implemented CI/CD pipeline for database using Bamboo and **uDeploy**. Helped developers in creating **uDeploysnapshots**, adding version to the snapshot during production installs.
* Experience in using Maven and Ant as build tools for building deployable artifacts like JAR and WAR from the source code and code analysis using SonarQube.
* Experienced in SHELL, BASH, PowerShell scripting to automate and monitor the deployment processes, Project Management and Project Release.
* Experienced in Provisioning of IAAS & PAAS Virtual Machines and Web\Worker roles on Microsoft Azure Classic and **Azure Resource Manager**.
* Used **Azure** **Kubernetes service (AKS)** to deploy scale, load balance, scale and manage **docker** containers with multiple name spaced versions.
* Implemented a production ready, load balanced, highly available, fault tolerant **AKS** infrastructure.
* Managed **Azure** **Kubernetes Service (AKS)** charts using Helm. Created reproducible builds of the Kubernetes applications managed Kubernetes manifest files and managed releases of **Helm** packages.
* Created many **Clusters** using **AKS** and worked on creating many pods, replication controllers, services, deployments, labels, health checks and ingress by writing **Yaml files**.
* Integrated **Docker** container orchestration framework using Azure Kubernetes service (**AKS**) by creating pods, **ConfigMaps** and deployments
* Involved in all projects that move to production and work closely with the Development teams and Quality Assurance teams to ensure cross communication and confirmed approval of all production changes. Designing and implementing fully automated server build management, monitoring and deployment by Using Technologies like **Puppet**.
* Work with the teams to maintain **Teamcity**, **Bamboo** and **Jenkins** instances to do their continuous integration and Continuous delivery.
* Work with development teams on their release schedules and make sure environments are stable.
* Train End users on how to use tools and best practices to be followed.
* Monitor Application health checks with **Newrelic**, **Splunk** and pagerduty for production incidents.
* Configure and monitoring the nightly auto deploy builds in Jenkins for the dev and QA teams.

**Achievements:**

* Upgraded JIRA, Confluence, Stash to new versions
* Performed business resiliency activity successfully with minimum outage
* Turnaround time to solve any issue is minimal compared to other peers.
* Got appreciations from users to quick and quality of work

**Environment**: JIRA 7.1, Jira, HPQTP, Service desk, Stash 3.3, Crowd 2.x, Confluence 3.0.x, JQL, PERL, portfolio, UNIX, Linux, VMware, Infrastructure 4/5, Subversion, Bitbucket Enterprise, GITHUB Enterprise, Jenkins OS, Cloudbees Enterprise Jenkins, Teamcity, Bamboo, Git, Ant, Maven, Gradle, Jfrog Artifactory, XRAY, Mission Control, Puppet, Shell Scripts, Bash, Terraform, Packer, Docker, Jira, Confluence, Crowd, Fecru, Newrelic, Splunk.

**Client: Daimler – Portland, OR. Nov “14 – Jan”16**

**Role: DevOps/ AWS Engineer**

**Responsibilities:**

* Building and supporting environments consisting Testing, Contingency, Production and Disaster Recovery servers.
* Configured **SonarQube** for code analysis in Jenkins.
* Performed the automation using **Puppet Configuration** management.
* Implementing, maintaining and enhancing build processes using **Maven**, **Ant**, **Apache** Ivy, **Gradle**, Groovy, **MSbuild**, NANT and Nexus
* Developed advanced JIRA workflows and permission scheme, notification schemes, Screen scheme.
* Work with development and leads to review testing approaches and ensure solutions support enterprise goals
* Work with management, developers, quality engineers, and product managers to gather requirements and define workflow for a new project, then implement in JIRA.
* Install, configure and administer JIRA and Confluence and other development tools
* Responsible for user management, security, configuring fields and screens, configuring workflows.
* Implementing **Continuous Delivery framework** using **Jenkins** in Linux environment.
* Automated **ILMT Agent and SEP Agents** Deployments.
* **Designed Jenkins Architecture.**
* Build and deployed various applications (**JAR, WAR, EAR**) in **jenkins.**
* Automated build and deploy process for **Tibco** Applications using **Jenkins** as **CI/CD** tool.
* Configured various build and deployments using **Jenkins** pipeline concept.
* Developed **Puppet** modules for **Tomcat and oracle client** deployments.
* Automated applications end to end through **puppet** and **Automic**(Orchestration Tool)
* Used **SVN** to manage source code developed by various platform engineers.
* Performed patching of **RHEL using yum**, up2date package management system utilities for effective package maintenance.
* Manage all CM tools (**JIRA**, Confluence, Artifactory, **SVN**, Maven, Jenkins, ANT, **Git**, **GitHub**, Visual Studio) and their usage / process ensuring traceability, repeatability, quality, and support.
* Gained experience in writing **Spark** **Streaming** code in Scala, and working with the **ELK** stack (ElasticSearch, Logstash, **Kibana**)
* Used **Kubernetes** to deploy scale, load balance, scale and manage Docker containers with multiple namespaces.
* Prototype CI/CD system with GitLab on GKE utilizing **Kubernetes** and Docker for the runtime environment for the CI/CD systems to build, test and deploy.
* Tested Cookbooks with Test Kitchen even before uploading to **Chef Server**. Developed multiple chef cookbooks from scratch.
* Wrote recipes to configure chef nodes excellent configuration management using **Chef**, also experience writing chef cookbook and recipes to automate the deployment process and to integrating chef cookbooks into Jenkins jobs for a continuous delivery framework.
* Configured and monitored distributed and multi-platform servers using chef. Defined **Chef**Server and workstation to manage and configure nodes.
* Re architect a legacy **SVN** **repository** from pure script dependency and no representation of releases to clear direction regarding where code resides and the difference between releases.
* Experience in IaaS and PaaS in a hybrid cloud environment working with private and public cloud service providers, including **Open** **Stack**.
* Implemented a Continuous Delivery pipeline with **Docker**, **Jenkins** and **GitHub** and **AWS** **AMI’s**, whenever a new **GitHub** branch gets started, Jenkins, our Continuous Integration server, automatically attempts to build a new Docker container from it, The Docker container leverages **Linux** containers and has the **AMI** baked in. Converted our staging and Production environment from a handful AMI’s to a single bare metal host running Docker.
* Supporting infrastructure environment comprising of **RHEL**, **Solaris** and **AIX.**
* Created, extend, reduce and administration of Logical Volume Manager (LVM) in **RHEL** environment.
* Configuration of **Network** bonding which include **Active/Standby** and Active/Active.
* Troubleshooting Network, memory, CPU, swap and File system issues, **TCP/IP, NFS, DNS, SMTP in Linux and Solaris servers.**

**Environment:** JIRA 6.1, Service desk, Stash, Crowd, Confluence, JQL, PERL, portfolio, UNIX, Linux, VMware, Infrastructure 4/5, Subversion, Bitbucket Enterprise, GITHUB Enterprise, SVN, Chef, Puppet, Tomcat, Jenkins, Sonar, AWS, S3, EC2, IAM, Nexus, Ant, Open stack Maven, Python, Shell, OracleWeblogic10.5, XML.

**Company: Geico, Jersey City, NJ. Oct”12–Jul”14**

**Role: AWS Engineer**

**Responsibilities:**

* Created Chef recipes for Infrastructure maintenance on VMWare, AWS EC2 and Physical Servers.
* Managed Amazon Web Services (AWS) infrastructure with automation and configuration management tools such as Puppet, Chef. Designing cloud-hosted solutions, specific AWS product suite experience.
* Configured Elastic Load Balancers with EC2 Auto scaling groups.
* Used Identity Access management for Creation of Groups and policies.
* Performing Vault operations on AWS using Glacier.
* Implemented AWS solutions using EC2, S3and load balancers.
* Involved in migration of database servers to Amazon RDS.
* Created and managed DB instances and DB option groups using RDS.
* Experience in working with Amazon Glacier for Archiving tasks like creation, deletion and configuration.
* Used Docker for container management on chef and VMs.
* DNS and load balancing experience on Nginx.
* Followed Agile Methodology and GIT for version control of code.
* Migrated current ant build project to maven.
* Managed small team by running daily SCRUM, task estimation & assignment, assisting in development issues and code reviews.
* Worked with AWS Cloud management and Chef Automation.
* Managing GIT for legacy products also automated the weekly deployments with Jenkins and maintaining Maven's pom.xml scripts.
* Carried out Deployments and Builds on various Environments using the Continuous Integration tool Jenkins.
* Worked on Jenkins, Team Scripting in multiple languages on Linux, windows - Batch, Shell etc.
* Created and ran various Scripts on development server to meet the client requirements.
* Setup rally for Helpdesk/Tickets, Project Management, Bug Tracking, Test Case Management.
* Used CA RALLY to track progress of the assigned task in an agile environment.
* Deployment of LAMP stacks using YAML.
* Designed and developed grails applications for the end users.
* Used Nexus as repository for storing the related deployed files.
* Log files analysis to resolve issues using Ruby scripts.
* Mentored development teams on 12 factor methodology and micro services architecture to take advantage of Docker container services.

**Environment**: AWS, S3, EC2, IAM, Nexus, Ant, Maven, Git, Python, Shell, OracleWeblogic10.5, XML, GIT, Chef, Puppet, Jenkins, Ant, Python, Ruby, Open stack, SVN and LINUX.

**Client: Autodesk, San Francisco, CA.**  **Oct”11 – Sep”12**

**Role: DevOps Engineer** / **Build Engineer**

**Responsibilities:**

* Established and administrating TFS (Team Foundation server) for new generation products developed in Java environment.
* Promoting CI CD culture collaborating with Development, DBA, QA, Support and Business Operations.
* Collaborated with Development and Support teams to setup a **Continuous Delivery** environment with the use of **Docker** and **Wercker**, continuous build and delivery tools.
* Responsible for all Team Foundation Server and SharePoint administration activities, Installation, Configuration, Migration, Troubleshooting and Training.
* Worked on installation and configuration of **DevOps Automation Tool Puppet.**
* Used **chef** for server provisioning and infrastructure automation in a SASS environment.
* Automated centralized configuration using **Puppet**.
* Created and updated **Puppet manifests** and modules, files, and packages stored in the **GIT** repository.
* Architected and implemented automated cloud infrastructure using **Chef**.
* Designing and implementing fully automated server build management, monitoring and deployment By Using Technologies like **Chef, Puppet**.
* Deploy and monitor scalable infrastructure on **Amazon web services (AWS)** & configuration management using puppet.
* Extensively worked on **Puppe**t to automate the environment.
* Worked on cloud environment, **AWS ELB:** created instances and migrated various applications to **AWS ELB.**
* User account management, worked with **Perl, shell scripting (ksh, bash)** to automate administration tasks.
* Worked on Sub versioning tool Like **SVN and GIT**.
* Continuous Delivery is being enabled through Deployment into several environments of Test, QA, Stress and Production **using Nexus and Jenkins.**
* Worked on **Jboss, Apache, MailServer**, and Firewall in both development and Production.
* **TeamCity and Bamboo** for continuous integration and for End to End automation for all build and deployments.
* Setup TFS build environments and a variety of CM specific environments for UAT, QA, Dev, Prod and DR. And creating and maintaining build scripts using Team Build.
* Performed migration of Team Foundation Server environment to a centralized location using Hyper-V, Virtual Machine Manager and TFS Lab Management that includes Team Explorer Everywhere for migration.
* Handling admin tasks in **Linux OS** such as server restart, application installation setting up monitoring dashboards for app server.
* Used JIRA custom workflows to track issues and Jboss app server to deploy the application.   
  Performing server’s health checks on daily basis, by logging into **UNIX** system and monitoring logs, and processes.
* Deployed to the environment using **Udeploy.**
* Vulnerability Assessment & Penetration Testing on the infrastructure on **AWS EBS** for security.
* Developed scripts for executing validation/test cases automatically after builds.
* Developed and maintained in-house Code review system before migrating to the lightweight code review system available in Stash.
* Planned and performed the upgrades on Linux and AIX operating systems and hardware maintenance on HP and POWER servers like increasing memory, disk, replacing failed hardware.
* Worked with the team to manage the processing of incoming support requests ensuring effective and timely resolution of issues. Coordinate with other departments to ensure problems are satisfactorily resolved.

**Environment:** Java, Eclipse, Tomcat, Apache, Oracle 11g, Jenkins, Python, Ruby, JIRA, Udeploy, Maven, Artifactory, Git, Ubuntu, Windows, AWS SQS, Ruby, Windows. VMware, SVN, AIX, RPM, SVN and LINUX.

**Education:**

* **Master’s** in Information Assurance in (**Wilmington University)** 2015, GPA: 3.7
* **B Tech** in Computer Science Engineering **(JNTU) 2011,** GPA: 3.5

**References:** Will be provided upon request.