**Tushar**

**Sr. AWS/DevOps Engineer Certified**

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**PROFESSIONAL SUMMARY**

* **Over 11+ years of established** **IT Domain, compelling experience** in **DevOps, Build & Release** and Configuration Management and Automation on Unix/Linux based system Administration, working on different environments including **Red Hat Enterprise, Cent OS, Ubuntu**, and **Windows Platforms**.
* Dexterity in Branching, Merging, Tagging, and maintaining the version across the environments using **SCM** tools like **Subversion** (SVN), **GIT** (GitHub, GitLab’s).
* Extensive experience in deploying and managing Adobe Experience Manager (**AEM**) applications using **Adobe Cloud Manager**.
* Worked on Continuous Integration and deployment using various **CI** Tools like **Jenkins, Puppet, Chef, Hudson**, **Bamboo**. Understanding of networking tools and components including subnetting, firewalls and **VPNs**.
* In-depth understanding of the principles and best practices of **Software Configuration Management** (SCM) tools like **Microsoft Visual SourceSafe, IBM Rational ClearCase** in **Agile** and **SCRUM methodologies**.
* Voluminous know-how about multiple Scripting languages like **Bash, Python, Ruby, Shell, PowerShell**.
* Involved in writing the **Maven** and **Gradle scripts** for the configuration of **J2EE** applications.
* Proficient in Building, Release automation framework designing, Continuous Integration and Continuous Delivery, Release planning, procedures, scripting automation. Proficient in documenting and implementing procedures related to build deployment and release.
* Experience in Centralized Logging Platform **ELK Stack** and **KAFKA** for data streaming.
* Experience in developing and deploying **IaaS, PaaS, SaaS applications** within **Cloud platforms AWS** & **Azure**.
* Proficient in using all **Amazon web services** like **EC2, ECS, EFS, IAM, S3, ELB, API Gateway, RDS, Route 53, Cloud Watch, Cloud Formation, Redshift etc**.
* Proven strong ability in maintaining and implementing **LDAP** in various Linux servers for security administration. In-depth understanding of system design, OSI model and layer 7 protocols like **HTTP, DHCP, DNS, SSL/TLS**.
* Involved in setting up Puppet Master/Client to automate installation and configuration across the environment.
* Developed **AWS Cloud** Formation templates to create custom sized **VPC, subnets, EC2 instances, ELB, Security** Groups. Experience with application servers like WebLogic, WebSphere, and IIS.
* Managed **Linux a**nd Windows virtual servers on **EC2** using **Chef Server** and Familiar with **Cloud watch, Elastic IP's** and managing security groups for **EC2 Servers**. Hands-on experience with the **AWS CLI** and **SDKs/ API tools**.
* Hands-on experience in **Linux** based database management systems like **MySQL, MongoDB, Cassandra**.
* Providing first level support for application software issues in all environments, monitoring run-time environments using tools like **New Relic, Nagios, Incinga, Anturis**.

**TECHNICAL SKILLS:**

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| --- | --- |
| **Build Tools** | Apache ANT, Maven, Gradle, Microsoft Build. |
| **Continuous Integration Tools** | Jenkins/Hudson, Build Forge, Atlassian Bamboo, HP Codar. |
| **Artifact Repository Management Tools** | Artifactory, Nexus |
| **Configuration Management Tools** | Puppet, Chef, Ansible |
| **Cloud Providers** | AWS, Azure, Open Stack, Adobe Cloud Manager |
| **Bug Tracking Tools** | Atlassian JIRA, REMEDY, HP Service Management |
| **Monitoring Tools** | NAGIOS, ICINGA, Cloud Watch |
| **Security Tools** | Veracode, Qualys |
| **Version Control Tools** | ClearCase, SVN, GIT (GitHub, Atlassian Bitbucket, Packer, GitLab’s. |
| **Application Servers/ Middleware** | Apache Tomcat, WebLogic, WebSphere, JBOSS |

**CERTIFICATIONS:**

* AWS certified Sys Ops Administrator – Associate Level

**PROFESSIONAL EXPERIENCE:  
Humana, Louisville, KY January 2022 to Present**

**Role: Sr. DevOps Engineer**

**Responsibilities:**

* Having good experience in **Agile Methodologies, Scrum stories** and **Sprints.**
* Implemented and configured **Azure DevOps pipelines** for **AEM** project, enabling automated build, testing, and deployment processes.
* Worked closely with **Adobe Cloud Manager** to deploy and manage **Adobe Experience Manager** applications, ensuring smooth deployments and environment management.
* Implemented **AEM**-based web applications, performance optimizations for leveraging **AEMaaCS** for cloud-based deployments to enhance application speed and reliability.
* Implemented **Azure DevOps pipelines** with **GLAPI** tasks to ensure unit testing and **code coverage** security performed, resulting in faster and more reliable software deployments.
* Played a key role in migrating legacy applications from Microsoft azure cloud to **Adobe cloud infrastructure**, improving scalability and reducing operational costs.
* Developed **PowerShell** and **Bash scripts** for automating various tasks, such as resource provisioning, deployment, and environment configuration.
* Deploy packages into **maven virtual repositories** and work with maven plugins and dependencies for **Jfrog Artifactory** to promote **CI/CD** Build.
* Created and maintained **Python scripts** for **Automating Build** and Deployment Process and Creating Web Based Application by Using **Django Framework**.
* Resolved merging issues during rebasing and re-integrating branches by conducting meetings with Development Team Leads. Used both **GIT** and Subversion source control systems for different projects.
* Deployed **Java/J2EE** applications to Application servers in an agile continuous integration environment and automated the whole process. Provided end-user training for all GitHub users to effectively use the tool.
* Working with **DevOps** practices using **AWS, Elastic Bean stalk** and **Docker** with **Kubernetes**.
* Created **scripts** which integrated with **Amazon API** to control instance operations.
* Releasing code to testing regions or staging areas according to the schedule published.
* Worked with Bitbucket to store the code repositories, creating branches, merging, tagging in **GIT**.
* Implementing new projects builds framework using Jenkins & maven as build framework tools
* Implementing a Continuous Delivery framework using **Jenkins, Ansible, Maven** & **Nexus** in the **Linux** environment. Mapped workloads to the capabilities of Microsoft Azure for private and public Clouds.
* Built a monitoring and metric gathering system around **OpenShift** using **Sensu**, **Grafana** and **Prometheus**.
* Developed Networking policies for **Docker containers**. Worked on open-source development tools like **Docker Containers, Mesos** and. Also worked on **GitHub**.
* Experience in **IaaS managing Amazon Web Services** (AWS) infrastructure with automation and configuration management i.e., **Chef. Boot strapping** the nodes that were created using **AWS EC2 virtual servers**.
* Orchestrated and migrated **CI/CD** processes using **Cloud Formation, terraform templates** and containerized the infrastructure using **Docker** setup in **Vagrant, AWS**, and **Amazon VPCs**.
* collaborated with development and operations teams to establish best practices for **infrastructure as code** using Terraform and ARM templates, ensuring consistent and reliable deployments across environments
* Responsible for designing and deploying best **SCM** processes and procedures.
* Coordinate/assist developers with establishing and applying appropriate branching, labelling/naming conventions using **GIT source** control. Worked on Installation and configuration of **DevOps** tool **Ansible**.
* Involved in writing parent **POM files** to establish the code quality tools integration.
* Experienced in authoring pom.xml files, performing releases with the **Maven release plugin, Mavenization** of **Java** projects and managing **Maven repositories**.
* Expertise in **Azure Cloud Services** (Azure App Service, Azure Functions, Azure Storage) and Monitoring and Logging (Azure Monitor, Application Insights)
* Managed version control using **Git, GitHub, and Azure Repos,** ensuring proper code collaboration and maintaining code quality.
* Containerized applications using **Docker** and deployed them on **Kubernetes** clusters for scalability and resource optimization.
* Assisted in t**roubleshooting** and resolving production issues, ensuring minimal downtime and optimal performance.
* Collaborated with **QA** team to perform unit testing, identify bugs, and implement fixes, ensuring high-quality software deliverables.

**Environment:** Adobe experience manager, Adobe GIT, Microsoft Azure, Maven, JSON, OpenStack, Kafka, AWS EC2, Virtual Box, Java/J2EE, SVN, WebLogic, TOMCAT, JFrog, Bash Scripts, Shell Scripts, YAML, Linux, JIRA, Kubernetes.

**Time Warner Cable, Charlotte, NC September 2020 to December 2021**

**Role: Sr. DevOps Engineer**

**Project Description:** This project was mainly about updating the server and checking its security.

**Responsibilities:**

* Experience with build tools like **Maven Junit, jQuery** and have worked in Mavenization of multiple projects.
* Created and maintained **Python scripts** for **Automating Build** and Deployment Process and Creating Web Based Application by Using **Django Framework**.
* Resolved merging issues during rebasing and re-integrating branches by conducting meetings with Development Team Leads. Used both **GIT** and Subversion source control systems for different projects.
* Deployed **Java/J2EE** applications to Application servers in an agile continuous integration environment and automated the whole process. Provided end-user training for all GitHub users to effectively use the tool.
* Working with **DevOps** practices using **AWS, Elastic Bean stalk** and **Docker** with **Kubernetes**.
* Created **scripts** which integrated with **Amazon API** to control instance operations.
* Releasing code to testing regions or staging areas according to the schedule published.
* Worked with Bitbucket to store the code repositories, creating branches, merging, tagging in **GIT**.
* Implementing new projects builds framework using Jenkins & maven as build framework tools
* Implementing a Continuous Delivery framework using **Jenkins, Ansible, Maven** & **Nexus** in the **Linux** environment. Mapped workloads to the capabilities of Microsoft Azure for private and public Clouds.
* Built a monitoring and metric gathering system around **OpenShift** using **Sensu**, **Grafana** and **Prometheus**.
* Developed Networking policies for **Docker containers**. Worked on open-source development tools like **Docker Containers, Mesos** and. Also worked on **GitHub**.
* Experience in **IaaS managing Amazon Web Services** (AWS) infrastructure with automation and configuration management i.e., **Chef. Boot strapping** the nodes that were created using **AWS EC2 virtual servers**.
* Orchestrated and migrated **CI/CD** processes using **Cloud Formation, terraform templates** and containerized the infrastructure using **Docker** setup in **Vagrant, AWS**, and **Amazon VPCs**.
* Created Terraform modules to create instances in **AWS** & automated process of creation of resources is **AWS** using terraform. Setting Up Serverless **API Backend** using **AWS Lambda & API Gateway**.
* Designed and implemented scalable, secure cloud architecture based on **Amazon Web Services**.
* Leveraged **AWS cloud services** such as **EC2, auto-scaling** and **VPC** (Virtual Private Cloud) to build secure, highly scalable, and flexible systems that handled expected and unexpected load bursts.
* Worked recently on tools migration from old tools like **PVCS** (version control system) to **SVN,** Tracker to Jira and finally **CI** tool **Hudson** to **Jenkins**. Partially worked as build tools administrator (**SVN, Jira,** and **Jenkins**).
* Involved in building own **PaaS** with **Docker**, deployed various applications through **Docker’s containers**.
* Developed applications using the integrated tools, **APIs**, and Analytics in **Azure**.
* Automated regression testing via **selenium, TestNg** and **GIT**, for broadening **QA coverage**.
* Involved in the installation and configuration of **Nginx** as a web server. Configured **Jenkins CI** tool to automate the Regression testing by including test cases using **Selenium Plugin** in **Jenkins**.
* Worked directly with the Product team in tracking and resolving defects in the beta IaaS offering.
* Docker Orchestration - Deployed the Container Services in **AWS** using various platforms such as **Kubernetes, Docker Swarm, Docker Stack Deploy**, and **Amazon Container Services**.
* Configured the user's accounts for **Continuous Integration - Jenkins, Nexus** and **Sonar**.
* Created **Ansible** with multiple modules as per component like **Kafka, Zookeepers, MySQL, Logstash, HTTP** collectors & Schema registry to configure **EC2 instances** to create/update **Kafka cluster**.
* Experienced in **shell scripting** using **bash, Perl, Ruby**, and **python** to automate system administration jobs.
* Automated the Applications and **MySQL** container deployment in **Docker** using **Python** and monitoring of these containers using **Nagios**.

**Environment:** SVN, GIT, Jenkins, Maven, Nexus, Chef, Vagrant, OpenStack, Kafka, AWS EC2, Virtual Box, Java/J2EE, SVN, WebLogic, TOMCAT, Python Scripts, Azure, Perl Scripts, Ruby Scripts, XML, Unix, JIRA, Docker.

**Cigna, Hartford, CT July 2019 to August 2020**

**Role: Sr. DevOps Engineer**

**Project Description:** The main project is to link up the servers of all the Cigna branches in USA and it helps clearly about their business and helps in providing graphical representation by comparing all the branches.

**Responsibilities:**

* Participated and contributed effectively to daily stand-up, sprint review, sprint demo and retrospective meetings in **Agile** and In **PI** planning.
* Involved in an extremely efficient **Agile process**, to deliver an end-to-end continuous integration/continuous delivery product in an open-source environment using tools like **Chef** & **Jenkins**.
* Built Java based artifacts on the **CM Server** view using **Maven**. Deployed using **Maven**, these Java based artifacts which includes war, ear and jar files for system testing and implemented configuration management (SCM) and change management (CM) using **Clear Case**.
* Deployed **J2EE** applications to Application servers in an agile continuous integration environment and automated the whole process. Build scripts using **ANT** and **MAVEN** build tools in **Jenkins, Sonar** to move from one environment to other environments.
* Implemented & maintained the branching and build/release strategies utilizing **GIT** and **STASH/ Bitbucket**.
* Performed Writing/Modifying existing scripts to automate manual jobs and monitored application, servers, and database for any critical alerts. Modified network interfaces, configuration files and run level for servers.
* Installed **SWM**(CI/CD) for building automation deployments for upgrades and installs which was carried out by **Jenkins. SSL Certificates** Request Installation and configuration on **tomcat KeyStore**.
* Expertise in administration with **Chef** and experience using/administering Open Source and monitoring tools for log monitoring, time series data. Deployment of application using automated tools such as **Chef**.
* Installed Chef workstation and wrote the cookbooks and recipes as per the requirement ensuring client, validating perm keys and trusted certs and did the same configuration on respective nodes.
* Installation of monitoring tools such as **Nagios, Splunk** and on boarding applications onto the portal and interfacing it with other applications.
* Involved in creating different applications like **Kafka, Zookeeper, Solar** and used to expose any route to the external traffic around **OpenShift**.
* Implemented & maintained the branching and build/release strategies utilizing **GIT** and **STASH/ Bitbucket**.
* Worked on creating **Docker Slave Nodes** for **Jenkins** using custom **Docker** Images and pulled them to **ECR**. Worked on all major components of **Docker** like **Docker Daemon, Hub, Images, Registry, Swarm**.
* Well versed and utilized Source code repositories such as **SVN, Git, TFS** to pull and push it to deploy the code. Extensive experience on log files analysis for **Apache logs**, application logs and database logs.
* Worked on **Red Hat OpenShift** Container Platform for **Docker** and **Kubernetes**. Used **Kubernetes** to manage containerized applications using its **nodes**, **Config Maps, selector, Services**, and **deployed application** containers as **Pods**. Support the applications for any issues after hours and on weekends during On-call.
* Built end to end **CI/CD Pipelines** in **Jenkins** to retrieve code, compile applications, perform tests and push build artifacts to Artifactory and Nexus.
* Worked on **NoSQL databases** including **HBase, Mongo DB**, and **Cassandra, Configuring Apache Mesos** and **Marathon** using cloud formation templates on **Ubuntu**.
* Setting up **SWARM** using **Kubernetes** and deployed containers using **Docker** inside the application.
* Expert in User Management and Plugin Management for **Jenkins** and **Configured Jenkins** for **Continuous Integration**. Used **Jenkins** to perform automated Builds and Deployments.
* Involved in development of deployment tools for automating end to end deployment process till production.
* Deployed **Java Enterprise** **applications** to **Apache Web Server, JBoss Application server**. Strong in building **Object Oriented applications** using **C++** and **Java, writing Shell Scripts** and **Perl Scripts** on **UNIX**.

**Environment:** J2EE, TFS, JBoss Application Server, SWM, Docker, Kubernetes, Open-Stack, Subversion, Jenkins, GIT, Maven, Ant, Chef, Tomcat, Apache, Linux Application Server (WAS), Azure, LDAP, Web services, Cloud, Web Logic, Quality centre, Oracle 11g, Nagios, Splunk.

**Walt Disney, Orlando, FL October 2018 to June 2019**

**Role: Systems Engineer / DevOps Engineer**

**Project Description:** The main project is to develop a software, which helps the accounts people in getting all the details of profits, Investments, and other information easily through their login.

**Responsibilities:**

* Implemented and maintained the automation platform for the enterprise configuration management solutions using **Chef**.
* Installed **Workstation, Bootstrapped Nodes**, wrote Recipes and Cookbooks and uploaded them to **Chef-server** and managed **AWS** for **EC2/S3** & **ELB** with **Chef Cookbooks**.
* Managing **Amazon Web Services** (AWS) infrastructure with automation tools such as **chef**.
* Supporting servers in **production/Dev/UAT** environments including **Windows 2012, 2008** running in **VMWare** and physical environments.
* Collaborated with **QA** and development organizations to identify needs and establish priorities.
* Developed an effective build automation, continuous integration and test environment that reduced integration and improved code quality.
* Designed, installed, and administrated a heterogeneous network of production servers in the **AWS** and **Rack space** running **CentOS, Red Hat Enterprise Linux,** and **Windows**.
* Strongly used **shell scripting** languages including **bash, Linux**, and **PowerShell** for windows platforms.
* Participated in writing **Ruby script** for building applications used to manage and tune the automation deployment tool chef. Integrated **JIRA** and **Jenkins** with regards to Release Noted creation and updates.
* Worked on creating and maintaining automated build scripts in **Jenkins** for migrating the deployment workflow from bamboo to **Jenkins** as per the requirements.
* Participated in installing a plug-in into the Jenkins server to provide the ability to publish artifacts into an IBM Urban Code Deploy Component. Deployed the software build to **Dev, INT, QA, Production** environments.
* Administered **GitHub** repository that includes source code management and distributed revision control as key tool providing access control, application feature request, Task management and bug tracking for all the applications also managed branching, merging and other source controls tasks in **Git**.
* Installed, configured, and maintained **Rational ClearCase** and **ClearQuest** in Windows and **UNIX** environments.
* Deployment and management of **Azure VMs, DevTest Labs, ARM templates**, and other **Azure resources**.
* Installing and configuring Windows server operating system for all servers. Also responsible for supporting the applications that are installed on these servers.
* Participated in pre-production daily stand-up calls updating the status and progress of the applications and deployments under release.
* Maintained development infrastructure including **Nexus artifact repository, Bamboo Cl server, Jira**, **confluence, code**. Thoroughly documented release procedures and new build processes in **confluence**.
* Maintained automation configuration management tools like **Chef** and **continuous integration/deployment** and **continuous monitoring solutions**.
* Responsible for Setting up the Jenkins server with complete **Maven** and Ant build jobs providing a continuous, automated, and **scheduled QA** build environment based on multiple git repositories for **VMware** open virtualization deployments. Participated in the lessons learned meetings after every release.
* Responsible for automating integration and deployment of **OpenStack** components using **Chef**.
* Responsible for writing **shell scripts** for configuring application deployment including Bash for **Linux** and **Mac Platforms** and **PowerShell** for Windows servers.
* Provisioned **DEV, QA** and **PROD** environment using **Vagrant, Chef** for Monitoring and troubleshooting incidence response and resolution, Investigation and root cause analysis and improvements.
* Participated in migrating different application configuration management from **Chef to Puppet**.
* Responsible for developing highly efficient algorithms in Java through both pair-programming and independent work. Responsible for developing deployment workflow in **PowerShell** and **Bash scripts**.
* Involved in implementing sonar software quality testing server to test the metrics executed as a built-in **Jenkins** plug-in to assist in quality build testing metrics.
* Participated in deployments and administration of virtual servers based on **RHEL, Centos** and maintained **Linux/Windows servers**, Optimization of DB performance and monitoring tasks.
* Participated in writing puppet manifests for deploying, configuring, and managing collected for metric collection and monitoring. Responsible for deploying various applications through **Docker containers**.
* Implemented **AWS solutions** using **E2C, S3, RDS, EBS, Elastic Load Balancer**, **Auto scaling groups, Configured Elastic Load Balancers** with **EC2 Auto** scaling groups migrated applications to the **AWS cloud**.
* Responsible for providing security code reviews using the **Fortify Source Code** Analysis Product and evaluate results for security Vulnerabilities for **eCommerce applications**.

**Environment:** Linux, Centos, AWS, GitHub, Agile/Scrum, Java, Bamboo, Jenkins, uBuild, PERL, Ruby, python, Tomcat, Maven, Hudson, Nexus, sonar, Chef, puppet, ClearCase, Ansible, TFS, AWS, F5 Load Balancer, azure, Fortify, Rundeck, Bash, Java, PowerShell, Splunk.

**Wells Fargo,** **Raleigh, NC August 2017 to September 2018**

**Role: DevOps/Build & Release Engineer**

**Project Description:** The main project is to develop the server which helps in upgrading the services of loans, Credit Cards, Online Accounts, and other services to the customers.

**Responsibilities:**

* Implementing new projects builds framework using **Jenkins & maven** as build framework tools.
* Implementing a **Continuous Delivery framework** using **Jenkins, CHEF, Maven** in **Linux environment**.
* Written wrapper scripts to automate deployment of cookbooks on nodes and running the chef client on them in a **Chef-Solo environment**. Converting production support scripts to chef recipes.
* Testing of cookbooks with chef-spec. Defining Release Process & Policy for projects early in **SDLC**.
* Setting up the client server model of **Chef** in the development environment of **OCI**.
* Worked on documentation - Chef basics, Initial setup of Chef, Data bags implementation, Coding standards, Cookbook document, Testing docs. **AWS server** provisioning using **Chef Recipes**.
* Using **CloudTrail, TESSA, Cloud Passage, Check Marx, Qualys Scan** tools for **AWS security** and scanning.
* Created monitors, alarms, and notifications for **EC2** hosts using **CloudWatch**.
* Developed applications using the integrated tools, **APIs**, and Analytics in **Azure.**
* Coordinating with Different Project teams on **Build & release** planning and efforts.
* Responsible for nightly and weekly builds for different modules.
* Involved in scrum ceremonies (stand-up, grooming, planning, demo/review, and retrospective) with the teams to ensure successful project forecasting and realistic commitments.
* Involved in **scrum meetings**, product backlog and other scrum activities and artifacts in collaboration with the team. Migrating the data to respective **DEV** and **QA Oracle databases** before doing code roll-out.
* Troubleshooting various production related outages.
* Generated **Perl & UNIX scripts** for build activities in **QA**, Staging and Production environments.
* Migrated on premises applications to Azure using **IAAS** and **PAAS models**.
* Manage the integration of new software projects and products into the build environment.
* Work with product development to resolve build-related issues in all projects.
* Strictly enforced **ITIL process** while pushing builds and deployments to prod and pre-prod environments.
* Used to write an install script in **Ruby** using all the extra helper functions from **Chef**.
* Configured the user's accounts for **Continuous Integration - Jenkins, Nexus** and **Sonar**.
* Gathered all the stakeholder approvals, necessary signoffs while acting as a release manager for two development teams. Used tracking tool **JIRA** and triaged the issues and maintained bugs using **JIRA tool**.

**Environment:** Solaris, Linux, Eclipse, Java, SQL, AWS, Python, Subversion, Bash, Hudson, Azure, Cloud Watch, NT Command Shell, Java/J2EE, ANT, Bamboo, Chef, Puppet, JIRA, XML, Jenkins.

**HSBC Bank, Hyderabad, Telangana, India September 2015 to April 2017**

**Role: Build and Release Engineer**

**Project Description:** PINACLE is PNC's Corporate and Institutional Banking's secure portal application that supports Treasury Management and other Corporate and Institutional Banking web-enabled services, such as ACH, Account Transfer, A/R Advantage. This project intention is to improve both the business processes and the technology processes supporting the Finance Regulatory Reporting process.

**Responsibilities:**

* Worked closely with software developers and **DevOps** to debug software and system problems.
* Maintained and coordinated environment configuration, controls, code integrity, and code conflict resolution. Implemented **Maven builds** to automate **JAR, WAR,** and **EAR**.
* Wrote **ANT** and **MAVEN Scripts** to automate the build process and **Shell/Perl scripts** to automate the deployment process. Used **Jenkins** for **Continuous Integration** and deployment in **JBoss Application Server**.
* Worked with the Architects on **SDLC process** being the owner of post development environments
* Performed Load/Functional testing using **Mercury Load runner** and **HP QTP**.
* Coordinated Instance Refreshes and Environment Re-base lining.
* Coordinated all the IT projects successfully by resolving release interdependencies and planning release.
* Planning, scheduling and documenting releases at code Freeze Periods.
* Worked with many teams of more than 30 and managed 2 release/build engineers.
* Stand by administrator for **Clear Case** and PVCS. Performed version control administration using **CVS**.
* Performed Functional and Stress Testing for a few applications using **Mercury Load runner**.
* Installed and administered **Artifactory repository** to deploy the generated **Maven** and to store the dependent jars which are used during the build.
* Design, install, administer, and optimize hybrid cloud components to ensure business continuity (**i.e., Azure AD, ADFS, SSO & VPN Gateways**).
* Performed all necessary day-to-day Subversion functions for the project like merging, creating branches and tags using **Tortoise SVN/ Visual SVN**. Tracked backlogs and fixed bugs using **JIRA**.
* Integrated **JIRA** with subversion and configured with Jenkins to automate the entire **Build and release process**. Developed, maintained, and distributed release notes for each scheduled release.
* Kept track of all the releases and requests of the developers through the infrastructure management tool.
* Supported engineering plans and schedules by providing CM/Release Engineering services to build, deploy, develop scripts, oversee branch, and merge strategies, and build automated tools as necessary.
* Created tickets for bug stories and feature stories in JIRA with co-ordination of **QA/BA** team respectively and issued it to developers to fix bugs and include necessary feature add.
* Mentor Business Areas on Subversion Branching, merging strategies concepts using **Git SVN**.
* Managing multiple **AWS cloud accounts**. Automating creation of entire **VPCs** with **EC2, Elastic Cache, S3** Bucket for storing and **Backup, SQS, SES, SNS**, and **Route53** assets using **Cloud Formation.**

**Environment:** Subversion, AWS, Clear Case, Jenkins, Java/J2EE, ANT, MAVEN, DB2, UNIX, Azure, Windows Server, Windows, Web Sphere, Perl Scripting, CVS.

**Reliance JIO & Industries, Hyderabad, Telangana, India January 2014 to August 2015**

**Role: DevOps/Linux Engineer.**

**Project Description:** Reliance JIO is an Indian based Telecom company and Petroleum Company along with its Retail

services. As a Build/Release engineer responsible for development/continuous integration/deployment of JAVA

application. Managed cloud-based and VM-based infrastructure through VMware and Puppet.

**Responsibilities:**

* Responsible for creating/managing Virtual Machines with **VMware vSphere Suite**, performed **VMware ESXi**

hypervisor and **vCenter server** installations on bare metal.

* Installed **RHEL 5/6 OS** on **VMs** and implemented package management through **RedHat Satellite server** and

**YUM/RPM** repositories.

* Configured/Implemented **Puppet** as part of configuration management to manage our infrastructure of

**500+RHEL VMs**, managed automated build processes for **AWS environment**.

* Created/managed few cloud instances using **AWS** and built cloud infrastructure using different **Amazon**

**services** like **EC2, EBS, S3, IAM** and **VPC**.

* Worked on **Puppe**t to organize, execute configuration plans, wrote manifests for servers, and created Puppet master and node environments.
* Duplicated Virtual Machines using Clones and Templates feature of VMware and migrated physical servers

to Virtual Machines using **VMware Converter** (P2V Converter).

* Worked on build of pom.xml and build.xml files through tools like **ANT** and **MAVEN**.
* Installed and managed **Nexus** repository to deploy the artifacts generated by **Maven** and to store the dependent jars which are used during the build.
* Implemented and configured automation tools like Jenkins and created test environments using **Dockers**.
* Installed/configured **IBM WebSphere Application Server** and deployed **Java applications/JSPs**.
* Performance tuning of **WebSphere application server** including **JVM, Garbage Collection, JDBC** along with its server logs. Resolved update, merge, and password authentication issues in **Gitlab** and **Jira**.
* Documented Build process, branching strategy and continuous integration design and setup along with

deployment instructions for the **QA team**.

**Environment:** RedHat Enterprise Linux 5 & 6, VMware vSphere suite (ESXi, vCenter server, vSphere client), Nagios, Puppet, Jenkins, Git, Gitlab, Gerrit, Jira, ANT, Maven, Bash, Ruby, Docker.

**Apollo Hospitals, Hyderabad, Telangana, India May 2012 to December 2013**

**Role: Software Engineer**

**Project Description:** The main project is to create a software which helps in checking all the patient details along with the Doctor’s prescription. Also, any doctor in that hospital can check the health condition of the patient easily without asking for any hard copy documents from the patient.

**Responsibilities:**

* As a member of the Release Engineering group, redefined processes and implemented tools for software builds, patch creation, source control, and release tracking and reporting, on the **Unix platform**.
* Worked with Subject Matter Expert to Build and Release Management methodologies, hands-on experience creating and managing the various development and build platforms, and deployment strategies.
* Performed weekly and on call deployments of application codes to production environments.
* Perform software builds using version control tool **IBM Rational ClearCase** (UCM and BASE).
* Writing config specs and creating views for developers. Involved in creating new elements in **VOB's**.
* Builds and deploys **J2EE** application in **Web Sphere**. Build and maintain **SQL scripts** and execute different scripts for different environments. Created classes, **JAR** and EAR files from **VOB's** using **ANT scripts**.
* Assist with maintaining current build systems, developed build scripts, and maintained the source control system. Responsible for designing and deploying best **SCM processes** and **procedures**.
* Managed the source codes repository of multiple development applications using **SVN version** control tools.
* Merged release branches to the trunk after the production release and resolved the conflicts if any during the merge in Subversion. Posting the Build on time & following it up with the testing team on posted builds.
* Developed automation scripting in **Python (core)** using **Puppet** to deploy and manage **Java applications** across **Linux servers**. Used **ClearQuest** as Ticketing Tracking tool.
* Conducting meetings with developers and managers to resolve merge issues during build and release.
* Full ownership of the build including sanity. Good Quality release notes. 100 % Error free handling of all on to Components. Developed Perl and shell scripts for automation of the build and release process.
* Built and Deployed **Java/J2EE** to a web application server in an **Agile** continuous integration environment and automated the whole process. Trained offshore team for knowledge transfer.
* Created and maintained the **Shell/Perl** deployment scripts for **WebSphere application servers**.
* Involved in editing the existing **ANT** (Build.XML) files in case of errors or changes in the project requirements.
* Perform periodic system audits on all environments to ensure that only controlled versions of software reside all environments. Responsible for building and releasing packages for testing.
* Used Build Forge as a continuous integration tool for automation of daily process
* Created analytical matrices reports for release services based on Remedy tickets.

**Environment:** Java, J2EE, C++, UNIX, Maven, GIT, SVN, ANT, Jenkins, Web Sphere, Azure, Python ClearCase, ANT, WebSphere, Perl Scripts, Shell Scripts, JAVA, Build Forge and ClearQuest

**EDUCATION**

* **Masters in Information Systems** from **2017 to 2019** in **University of Colorado.**
* **Bachelors in Computer Science Engineering** from **2008 to 2012** in **Acharya Nagarjuna University**.