**Venkata Sita RamaRaju Mudunuri**

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**SUMMARY:**

* **Over 2+ years** of experience in the IT industry in areas of DevOps, Software Configuration Management (SCM), Build and Release Engineering in various domains.
* Expertise in Continuous Integration for major releases in Jenkins. Created Pipeline in Jenkins by integrating Git and Maven Plugins. Created new build jobs in Jenkins admin console and configured global environmental variables.
* Experienced in build tools such as MS Build , Apache Ant and Maven.
* Good at maintaining various environments, provisioning infrastructure, configuration management and integration with Chef, Puppet and Ansible.
* Expertise in AWS which includes EC2, S3, IAM, AWS ,VPC, SNS, RDS, EBS, CloudWatch, Cloud Trail, CloudFormation AWS Config, Autoscaling, CloudFront.
* Strong hands on experience with scripting languages like PowerShell, Python, Ruby, Groovy and JavaScript.
* Implemented branching and merging strategies for maintaining the code base across the environments using SCM tools like GIT, Subversion (SVN), CVS, Perforce and TFS on Linux and windows platforms.
* Handled Automation Testing, Performance Testing, Functional Testing, Cross browser testing using Automation.
* Worked on databases that includes Microsoft SQL Server, MySQL.
* Experienced in trouble shooting, Configuring and Deploying Enterprise Applications in nginx, WebLogic, and Tomcat as well.
* Exposure on container orchestration using Kubernetes, Docker Swarm and terraform.
* Good knowledge on managing virtual machines using Google Cloud Platform.
* Experience on Virtualization technologies like VMware, Vagrant, Oracle Virtual Box, Microsoft Virtual PC.
* Provided support and collaborated with other development teams to define strategies for developing and testing in an effective way
* Experienced in administration, production, Development and Test environment’s carrying Windows, Debian, Ubuntu, Red Hat Linux, SUSE Linux, CentOs and Solaris servers.
* Excellent communication, interpersonal and managerial skills.

**TECHNICAL SKILLS:**

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| **Operating System** | Windows Variants, Linux, UNIX |
| **Languages** | C, C++, PowerShell , Shell, Perl, Ruby, Python, Java |
| **Web Technologies** | HTML, CSS and XML |
| **Server** | MS-IIS , Apache, Tomcat, WebSphere, WebLogic |
| **Issue Tracking** | JIRA, Rally |
| **Database** | Microsoft SQL Server, My SQL, Oracle 10g/11g , Mongo DB, Dynamo DB |
| **Version Control** | Git, Perforce, TFS |
| **CI Tools** | Jenkins |
| **Build Tools** | MS Build, Gradle, Maven |
| **Testing Tools** | UFT, JMeter, SauceLabs |
| **Code Quality Tools** | SonarQube |
| **Licensing Tools** | Fossology |
| **Orchestration Tools** | Docker, Kuberentes, Terraform |
| **Cloud** | Amazon Web Services, Microsoft Azure (IaaS, PaaS & SaaS), PCF, OpenStack. |

**WORK EXPERIENCE:**

Client: Prime Therapeutics, Eagan, MN Jul 18 – Jan 19

**Role: Jr.DevOps Engineer**

**Responsibilities:**

* Involved in architecture, design, implementation and documentation of functional and non-functional requirements of build and deployment process.
* Used **Github** for maintaining source code.
* Build Automation and Build Pipeline Development using **Jenkins** and **Maven.**
* Wrote efficient, maintainable, well structured, readable scripts in **Shell, Groovy** and **Ruby.**
* Integrated **SonarQube** with Jenkins to perform **static code** analysis. **Build breaker plugin** is installed on SonarQube to break the build whenever it does met the rules written on quality gates.
* Written a script based **Jenkins file** in **Groovy** for creating **pipeline job** and reused the logic for creating different pipeline jobs.
* Configuring CI/CD tools using **Blue - Green** deployment methodology.
* Maintained Artifacts in binary repositories using **JFrog Artifactory** and **S3** and pushed new Artifacts by configuring the Jenkins project using Jenkins Artifactory Plugin.
* Installed **Jenkins** on a Linux machine and created a **master and slave configuration** to implement multiple **parallel builds** through a build farm.
* Created playbooks for Cloud Automation using **Ansible** across various environments.
* Written **Ansible Playbooks**  for  **server provisioning** in **aws** using Chef Recipes.
* Implemented **terraform** to createreusable infrastructure using Jenkins.
* Used **packer** to create **golden images** with the custom configuration.
* Created **EBS snapshots**, rebuilt new EBS volumes from snapshots to migrate applications, and storing these snapshots into **S3** buckets for backup.
* Configured Elastic Load Balancers with EC2, Auto-scaling groups.
* Integrated **AWS Cloud Watch with AWS EC2** instances for monitoring the log files, store them and track metrics.
* Experience involving configuring **S3 versioning** and **lifecycle policies** to and backup files and archive files in the **glacier**.
* Created dev and test environments using **docker** to test the application.
* Used container based deployments using Docker, working with **Docker images**, **Docker Hub** and Docker-registries and Kubernetes.
* Performed load testing using **Jmeter** and automation testing using **UFT** and integrated them using their respective plugins in Jenkins.
* Implemented branching and merging strategies in **GIT** to maintain the Chef Cookbooks and javascript modules.
* Established processes and tools to maintain code base integrity, including check-in validation rules and branch/merge processes.

**Environment:** TFS, Perforce, Git, jQuery, Microsoft SQL Server, Jenkins, Python, Ruby, shell, Docker, Groovy, Rally, Maven, Artifactory, SonarQube, Git, Ubuntu, CentOS, Linux, AWS EC2, AWS S3, Cloudwatch , Ruby, Ansible, Terraform, Packer, JMeter, UFT, Sauce Labs, Scalr.

Client: AVL IT Services PVT LTD,Hyderabad May 14 – Jun 16

**Role: Build and Release Engineer**

**Responsibilities:**

* Imported and managed multiple corporate applications into **Subversion (SVN).**
* Proposed **branching strategies** for using Version Control Systems like **GIT**.
* Ability to coordinate **release cycles** and maintain different branches of multiple projects and ability to resolve build issues e.g. merge conflicts, compilation errors and missing dependencies.
* Worked with **SVN and Maven** projects configured in Jenkins.
* Maintained Artifacts in binary repositories using **JFrog Artifactory** and pushed new Artifacts by configuring the Jenkins project using Jenkins Artifactory Plugin.
* Experience in **Continuous Integration/Continuous Delivery (CI/CD) and Test Driven Development** (TDD)
* Installed **Jenkins** on a Linux machine and created a **master and slave configuration** to implement multiple **parallel builds** through a build farm.
* Extensive experience in using **MAVEN** as build tools for building of deployable artifacts (jar, war & ear) from source code.
* Creating the build script using the **Maven** and **MSBuild** as build tools, for **Java and .Net web applications**
* Create **Chef Automation** tools and builds and do an overall process improvement to any manual processes.
* Written **Chef Cookbooks** for various **DB configuration** to modularize and optimize product configuration, converting production support scripts and **AWS server provisioning** using Chef Recipes.
* Experienced in deploying and support applications on **WebSphere and WebLogic application servers**
* Integrated **AWS Cloud Watch with AWS EC2** instances for monitoring the log files, store them and track metrics.
* Understanding of secure-cloud configuration, **(Cloud Trail, AWS Configuration),** cloud-security Technologies (**VPC, Security Groups**, etc.) and cloud-permission systems **(IAM).**
* Load balancing over the network and the servers using F5 tools.

**Environment**: Red hat EL 4.x, SUSE10, Chef, PUTTY ,Docker, NetBackup, Jenkins, SVN, GIT, , Windows, Maven, JFrog Artifactory, Ruby, Python, Groovy, AWS CloudWatch, AWS EC2, AWS S3, Jenkins, Pivotal Cloud Foundry

**EDUCATION:**

* **University Of Houston ClearLake**– ***Master’s in Computer Engineering*** *Aug 16 – May 18*
* [**Maheshwara Institute Of Technology, India**](https://www.kluniversity.in/)– ***Bachelor's in Electronics and Communication Engineering*** *Aug 09 – May 13*