**V Rajasekhar**

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***Exploring challenging opportunities to work with an organization of repute to add value through acquired skills***



Competent & dynamic software professional offering commendable experience;

* Engineer with proven leadership and mentoring skills. Currently working as a Devops Engineer at
* With a wide range of experienceI have involved in Building, ContinuousIntegration,Continuous Deployment, Requirement Analysis, Planning, Development, and Release of variousEnterprise-Wide Software Applications for business areas using Jenkins ,Git, Maven, Subversion,Ansible,AWS services.
* Extensively worked on **Jenkins** for continuous integration and for End to End automation for all build anddeployments.
* Expertise in amazon**AWS** cloud which includes services like: EC2, S3, VPC, IAM, Elastic Beanstalk,Elastic Load balancing, Auto scaling, RDS, Route 53,Volume Snapshots , AMI, Cloud Watch, Security Groups,NACL.
* Mastery in configuration management with**Ansible**using Modules,Playbook,Roles, Parallel jobs.
* Mastery in version control system – **GIT**
* Adept in managing business operations with focus on top-line & bottom-line performance and expertise in determining company's mission & strategic direction as conveyed through policies & corporate objectives
* Expertise in successfully ramping assignments, while working in close coordination with team members and clients to ensure effective deliverables.
* Proven ability to be a strong professional with the sound knowledge of the new technologies and advanced applications.
* Keeps abreast with the emerging trends in the industry; demonstrated ability to build and maintain positive working relationships with all people at all levels.
* Multi-skilled professional with the capability of thinking out of the box to generate customized pipeline structures and deploy to the respective servers.
* Deployed builds to different environments like DEV, QA, UAT environments by integrating **Jenkins** **and Ansible.**

**COMPETENCY MATRIX**



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| --- | --- |
| Operating Systems | **Cent Os, Ubuntu, Windows** |
| CI/CD | **Jenkins** |
| Configuration Management Tool | **Ansible** |
| Cloud Computing | **AWS** |
| Monitoring | Cloud **Cloudwatch(AWS)** |
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| Version Control | **GIT, Github** |
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| Virtualization | **Docker** |
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| Web Server | **Apache, Tomcat,** |
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| Database | **MySQL, Dynamo DB, RDS** |
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**EMPLOYMENT CHRONICLE**



* **Software engineer at Cigniti Technologies,Hyderabad FROM APRIL 2017 – TILL DATE**



**PROJECT #1:-**



**Organization:** Cigniti Technologies

**Client :** Subway

**Duration :** JAN-2018 – TILL DATE

**Role** : Devops Engineer

**Responsibilities**:

* I have been working closely with a team whose key responsibilities are creating and managing infrastructure for developers, testers and DB administrators in a way to accomplish automation.
* As Devops engineer in my team I have a responsibility in configuring Jenkins jobs in such a way that fetches source code from **Git** repository.
* Configured Jenkins with **maven build tool** in generating **war/ear** files and archived them.
* Responsible for maintaining backup and versioning of **war/ear** file using **nexus** repository.
* Integrated **Git, Jenkins** and maven in accomplishing continuous integration and configured Jenkins with **Poll SCM** build trigger.
* We are using **Ansible** as primary automation tool in configuring and deploying artifacts to several environments.
* As most of the infrastructure is hosted in **AWS cloud** I’m responsible for creating and managing
* **EC2 Instances.**
* Maintaining **AMI**s of the Configured Ec2 instances.
* Creating Jenkins jobs and distributing load on Jenkins server by configuring **Jenkins nodes** which will enable parallel builds.
* Managing Jenkins artifacts in **Nexus repository** and versioning the artifacts with time stamp.
* Deploying the artifacts into servers in AWS cloud with **ansible**and **Jenkins**.
* Maintaining backup of Jenkins builds in AWS **S3** and creating backup of **EBS** volumes and restoring it.
* Ensuring the servers to sustain the load by configuring **Elastic load balancer** &**Auto scaling**.
* Enabling highly available & robust **virtual private cloud** to ensure the network isolation from public cloud and securing them with Security groups.
* Involved in Writing Docker files to build customized images for creating containers.
* Bundled automation content with A**nsible roles** to make the content reusable and made possible advanced execution in automation.

**PROJECT #2:-**



**Organization**: Cigniti Technologies

**Client** : CPMS, Abudubai

**Duration** :April-2017- January-2018

**Role** : Devops engineer

**Responsibilities**:

* Extensively worked on **Jenkins** for continuous integration and for End to End automation for all build and deployments.
* Extensive experience using **MAVEN** and **ANT** as a Build Tool for the building of deployable artifacts (war & jar) from source code.
* Experienced in, build and deployment of Java applications on to different environments such as **QA, UAT and Production**.
* Managed various environments like **DEV, QA, and PROD** for various releases and designed instance strategies.
* Experienced in deployment of applications on **Apache Web server and Application Servers like** **Tomcat**.
* Pushing Code from **Git** to **Nexus** make available for release through automation script using Jenkins.
* Proficient in Build & Release automation framework designing, Continuous Integration and Continuous Delivery, Build & release planning, procedures, scripting & automation.
* Good at documenting and implementing procedures related to build, deployment and release.
* Involved in the installation and configuration of Nginx as a web server through **Ansible.**
* Leverage Ansible for provisioning and de-provisioning user accounts on Linux instances.
* Launching AmazonEC2 Cloud Instances using Amazon Web Services ( Ubuntu/ Centos ) and Configuring launched instances with respect to specific applications.
* Managed IAM policies, providing access to different AWS resources, design and refine the workflows used to grant access.
* Used ELB and Autoscaling for load balancing and scaling EC2 instances up/down based on Network Traffic.
* Created several AMI’s for setting up a group of servers with the same configuration and packages.
* Achieved Autoscaling by configuring launch configuration for Autoscaling groups by creating alarms through cloudwatch on server services like CPU, RAM and disk storage and Network In.
* Creating backups on regular basis by using snapshots.
* Configured security groups for instances and Network Access Control Lit for sub -nets and Routing Tables for the same.
* Created highly available VPC with Internet Gateway NAT gateway.
* Setting up databases using S3 bucket and configuring instance backups to S3 bucket.
* Uploaded JAVA application on Elastic Beanstalk and handled the details of capacity provisioning, load balancing, scaling, and application health monitoring.
* Created RDS and scale a database in the cloud which provides resizable capacity while managing time-consuming database administration tasks.

