RAJASHEKAR REDDY

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Professional Summary

- ❖ over all 3+ years of experience 6 months of desktop engineer and 3.4 years of DevOps Engineer &Amazon Web Services (AWS) Cloud Infrastructure
- ❖ Solid experience in EC2 Instances, VPC Design & Architecture, S3, Cloud Watch, RDS, AMI's
- ❖ Experience in Infra Provisioning & Configuration Management tools like Terraform & Ansible
- ❖ Experience in branching/merging/labeling strategies for Source Code Management
- ❖ Experience in Version Control/Source Code Management by GIT, Bit bucket
- ❖ Using Build Tools like MAVEN for the building of artifacts such as jar, war & ear from source code.
- ❖ Automate the Build and Deployment processes through Jenkins
- ❖ Deployed packaged Source code (Java) into Apache Tomcat and Jboss servers.
- ❖ Hands on Experience with Bug Tracking Tools like Jira.
- ❖ Sound experience on Code Deployment via builds (jar/war/ear) into various Dev/QA/UAT/ProductionEnvironments.
- ❖ Good experience in Shell, Batch Scripting
- ❖ Good understanding of the principles and best practices of Software Configuration Management (SCM**).**
- ❖ Automate the repetitive manual processes from different machines and results will send via email using
- ❖ Shell Script
- ❖ Troubleshooting developers server access issues, build issues
- ❖ Installing and configuring required Software's and Package's in Linux servers
- ❖ Ability in managing all aspects of the software configuration management process including codecompilation, packaging / deployment / release methodology, and application configurations.
- ❖ Proven experience on Software Development Life Cycle (SDLC), SCM practices along with Software
- ❖ Build and Release Management and Agile Methodologies.
- ❖ Good knowledge on Container based technologies like Docker, Kubernetes.

Technical Skills

❖ **Cloud**	: AWS
❖ **Infra Provisioning Tool**	: Terraform, CloudFormation
❖ **Configuration Mgmt Tool**	: ANSIBLE
❖ **Continuous Integration tools**	:Jenkins
❖ **SCM Tools**	: git
❖ **Build Tools**	: Ant**,** maven
❖ **Scripting skills**	: LINUXShell Scripting
❖ **DBMS**	: Mysql,sql server,oracle
❖ **Operating Systems**	**:** windows,Ubuntu
❖ **Tracking Tool**	: jira
❖ **Virtualization Tools**	: Docker, Kubernetes

Work Experience:

Project1#

Client	:	**ATOS**
Role	:	**DevOps Engineer**
Environment	:	**AWS, Ansible, Terraform, Git, Jenkins, Docker, Linux, Nexus, ShellScript**
Company	:	**TCS**
Duration	:	**November 2018 to November 2020**

Roles and Responsibilities:

- ❖ Launch on-premises servers to AWS using VMimport process.
- ❖ Launch on-premises servers to AWS using VMexport process.
- ❖ Creating Jenkins job with user level access for testing.
- ❖ Creating CI/CD pipeline and adding nodes to Jenkins slave using JNLP plugin
- ❖ Creating dockerfiles with requirements and dependencies from team.
- ❖ Handling teams/user issues (login,entity,MFA's,resources) on AWS.
- ❖ Creating pods, replicas, name spaces and services in kubernetes environment.
- ❖ Expertise on Ansible automation tool.
- ❖ Creating code pipelines, code build, code commit.
- ❖ Building AMI's using packer on Code build and the provision the servers using Ansible roles.
- ❖ Build SAP/Non-SAP AMI's on sap teams request on cloud
- ❖ Wrote Anisble playbook for deployment, configuring, and managing components and convertingplaybook into roles for reusability and scalability.
- ❖ Written Ansible consistency checks to make sure all required packages/parameters/dependenciesshould be available in all aws servers.
- ❖ Worked with application team to populate the data into the application using shell script & Ansibledeployment tool.
- ❖ Good knowledge on writing Terraform scripts.
- ❖ Written terraform scripts to spin up instances and VPC, ELB etc.
- ❖ Worked with application team and build an image with Docker and spin up container.
- ❖ Creating Docker images for order promising app products for platform framework.
- ❖ Written Multi-staging Docker builds.
- ❖ Written Ant tasks to automate the Docker builds.
- ❖ Tagging the resources if missing using tag editor.
- ❖ Writing S3 policies, user level and bucket level policies on accounts, versioning, and parameter store.
- ❖ Configured and managing ELBs and S3 storage.
- ❖ Writing a S3 policies to deny some particular access to user/teams.
- ❖ Giving access to resources to the users with required IAM permissions.
- ❖ Configured and managing security groups and VPC.

- ❖ Building commands to create an image with ANT programming language
- ❖ Building AMI's using packer on Code build and the provision the servers using Ansible roles.
- ❖ Build SAP/Non-SAP AMI's on sap teams request on cloud.
- ❖ Handle multiple builds from Dev team, create build jobs in code build and perform deployment activities.
- ❖ Creating/Handling a DATASYNC task to make data replication NAS to AWS EFS and the samemounted on servers.

Project2#

Client	:	**Minol Services support**
Role	:	**Cloud Support Engineer**
Environment	:	**AWS, Git, Jira, Linux, Shell Script**
Company	:	**Tech m**
Duration	:	**November 2020 to present**

Roles and Responsibilities:

- ❖ Writing S3 policies, giving access to particular group/user on request.
- ❖ Making sure to encrypt all EBS volumes.
- ❖ Handling access issues, giving sudo to root access to particular user/group level.
- ❖ Providing custom access to user.
- ❖ Handling disk usage, processes issues, memory issues.
- ❖ Actively involving in Jira updates and creating documents steps for tasks in confluence page.
- ❖ Responsible for Maintaining and Administrating AWS resources
- ❖ Fixing kernel panic issue.
- ❖ Patching AWS servers on monthly/Quaterly basis with kernel/security patch update.
- ❖ Making partitions/extending volume size on DBA/APP team request.
- ❖ Creating EFS with Bursting/Provisioned throughputs.
- ❖ Making filesystems on servers and mounting with Elastic File System (EFS).
- ❖ Creating datasync task and issue handling like port open/allowing IP to subnets.
- ❖ Configuring flow logs on vpc's.
- ❖ Handling user login issues on servers.
- ❖ Handling domsain issues and sssd conf's issues.

Education:

- • B.Tech from JNTU University, Hyderabad.

Personal Details:

Place: Hyderabad   **(Rajashekar)**