JYOTHI ALLAM   **E-mail:allam.jyothi26aj@gmail.com**
Devops Engineer   **Mobile No: +91- 8142669446**

DevOps Engineer with 3 years of hands-on experience in developing CI/CD pipelines. Proficient in GIT control tools

WORK EXPERIENCE:

Working as a DevOps Engineer at **Winsol techno services pvt ltd, Hyderabad** from March 11th, 2019 to Present.

- Ñ Experience in version control tools like GIT.
- Ñ Strong experience in CI (continuous integration) and CD (continuous deployment) using Jenkins.
- Ñ Experience in using Build automation tools like MAVEN.
- Ñ Worked on branching and merging. Creating branches for different teams. Merging branches periodically and according to requests from dev teams.
- Ñ Good experience in creating and configuring new Build jobs, Plug-ins Management, distributed builds using Master/Slaves, and other administration tasks in Jenkins.
- Ñ Experience in configuring and updating the servers using configuration management tools like Ansible and Experience in Containerization tools like Docker.
- Ñ Experience in writing playbooks, vault, and creating Roles in Ansible.
- Ñ Experience in building Dockers images using Dockers file.
- Ñ Worked on Docker Including Docker Installation, Creating Images, and Containers.
- Ñ Good experience on Amazon Web Services (AWS), Creating EC2 Instances and configuring all necessary services.
- Ñ Configure and launching of EC2 using AMI (Linux/Ubuntu) and configuration the servers for the specified application.
- Ñ Experience in AWS services like IAM, EC2, AMI, VPC, ELB, EBS, Subnets, Route53, internet gateway, Autoscaling, ECR, Security groups, S3 buckets, Cloud watch.
- Ñ Having knowledge of Kubernetes.
- Ñ Experience in Setting up EKS cluster, and kubectl commands.
- Ñ Working experience on operating systems like Windows, Linux, etc.
- Ñ Good knowledge of Server configuration and builds and release process
- Ñ Experienced in working on code quality reports by using SonarQube and artifactory storage in Nexus.

Projects

Project Description:

       Adaptik Corporation was founded in 2000 by seasoned insurance professionals who understand that the best policy administration solutions require an innovative approach to software architecture as well as functionality. They recognized the need for a more nimble technology to meet policy administration challenges in a practical, rapid, cost-effective way.

Environment: AWS Cloud, GIT, Jenkins, Maven, Ansible, Docker, Tomcat, SonarQube

Roles and Responsibilities:

- Resolved merging issues during rebasing and re-integrating branches by conducting meetings with Development Team Leads.
- Creating CI/CD pipelines by integrating GitHub, Maven, Jenkins, and Ansible.
- Involved in job scheduling and configuring build activity using Jenkins.
- Automating build process for creating JAR/WAR artifacts using Maven.
- Maintaining code quality reports by SonarQube and notifying the developers if in case of failures.
- Responsible for pull request merging for multiple branches and resolved conflicts raised while merging the pull requests.
- Worked with multiple projects to set up build artifacts using MAVEN to automate scripts for web applications and enterprise java applications using POM.XML.
- Maintaining / storing the artifacts in Nexus.
- Extensively worked on CI/CD pipeline for code deployment by Jenkins.
- Monitoring Daily Builds using Continuous Integration Tool Jenkins
- Managed the Jenkins in distributed environment and responsible for troubleshooting the build and deployment failures.
- Deploying the WAR and EAR into Tomcat Application Server
- Creating ansible roles for deploying applications into EC2 machines.
- Performing deployments to multiple environments like Dev, QA, and Stage environments.
- Installed and Configured the Nexus repository manager for sharing the artifacts within the company.
- Maintaining the user accounts (IAM), Route 53, and SNS services in the AWS cloud
- Monitoring the Logs by using cloud watch and sending mail notifications through SNS.
- Developed build and deployment processes up to Pre-production environments.
- Involved in designing and deploying a multitude of applications utilizing almost all of the AWS stack (Including EC2,Route53, S3, RDS, Dynamo DB, SNS, SQS, and IAM) focusing on high availability, fault tolerance, and auto-scaling in AWS Cloud formation.
- Migrated the current Linux environment to AWS/RHEL Linux environment Configured Identity, Access Management (IAM), Security Groups are like Public & Private Subnets in Virtual Private Cloud (VPC).
- Created AWS Route53 to route traffic between different regions.
- Used MySQL, Dynamo DB, and Elastic cache to perform basic database administration.
- Template creation in JSON format for Cloud Formation to create/modify multiple Stacks.
- Managed Version control tool GIT to version code changes to help developers/programmers branch/merge/revert code.
- Setting up EKS cluster and having expertise in using kubectl commands.

DevOps Engineer

- Familiar with Docker container, Creating Custom images using Dockerfile and pushing the images to the Dockerhub using Jenkins.

Technical Skills:

Version Control system	GIT
Build tools	Maven
CI Tool	Jenkins
Containerization Tool	Dockers, Kubernetes
Configuration Management	Ansible
Cloud Platform	AWS
Scripting languages	Shell scripting
Application server	Apache tomcat server
Operating system	Windows, Linux

Education Details:

- MSC Organic Chemistry from University Arts & Science College, Subedari, Warangal with 63.3% passed out in 2016.
- Degree from Roshini Degree College, Manthani with 76.4% passed out in 2013
- Intermediate from Govt Junior College for Girls, Manthani with 89.70 % passed out in 2010.
- SSC from ZPSS, AzamNagar, Bhupalpally with 82.83 % passed out in 2008.

Declaration:

I hereby declare that the above-cited information is true to the best of my knowledge and I believe if you give me a chance, I can prove myself.

(Jyothi Allam)
Place: Hyderabad