Rallabandi Sashank

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Objective:

Design and implementation of DevOps practice at a large scale using open-source tools to achieve faster application deployment cycles and to achieve high up-time of application using stabilized and self-healing infrastructure

Profile Summary:

* I have 3 years of relevant experience working in the DevOps area, involving various CI/CD implementations involving different phases, from compilation to deployment, Environment management, and maintenance.
* Hands-on experience working on AWS cloud services IAM, VPC, S3, Elastic Block Storage, Elastic Load Balancer, and Elastic Bean Stack.
* Solid experience with Linux (Ubuntu and Amazon-Linux) operating systems.
* Hand-on experience on infrastructure as a code (IAAC) Terraform.
* Worked on a CI/CD Jenkins for automating the entire application deployment life cycle process
* Good knowledge of creating users restricting permissions to the users and giving access to the respective jobs by customizing the permissions in Jenkins
* Enabling S3 bucket Cross Region Replication
* Good Knowledge of Docker like managing containers, images, and establishing communication between the containers.
* Good Knowledge of configuration management tool Ansible
* Good knowledge of web server Apache2, Tomcat, Nginx, and Database like RDS.
* Good Knowledge in installing and configuring K8S master and K8S nodes and establishing communication between them.
* Good Knowledge of core concepts in Ansible such as setup, Ad-hoc commands, playbooks, and handlers.
* Well aware of the advantages, architecture, and completeness20 of Kubernetes.

Technical skills:

* Version control systems: Git, Git Hub, Bit bucket, Git lab
* CI/CD: Jenkins, Bamboo, Circleci, GitLab
* Cloud platforms: AWS, GCP, Azure, ELB, ECS, Lambda, RDS, IBM
* Build Tools: Maven, Ant, Gradle
* Operating systems: Linux, Windows server, ubuntu, Red hat

Professional Experience:

DXC Technology Private Limited, Bangalore, India

DevOps Engineer: from March 2020 to December 2023)

Roles and Responsibilities:

* Deploying end product in Tomcat web server and other application servers before production
* Checking and automating if the servers are running out of disk
* Monitoring of all the servers running on the servers.
* Integrated many tools with Jenkins like Git, Maven, Nexus, Ansible, and Tomcat.
* Worked on Jenkins by installing, configuring, and maintaining continuous integration (CI) and End-to-End automation for all builds and deployments
* Configured many scheduled projects so that they could run frequently without the manual trigger.
* In case of any new project setup, creation of new jobs in Jenkins.
* Configuration of pre and post-build actions in Jenkins as per project requirements
* Involved in deploying artifacts like JAR, and WAR, into application server Apache Tomcat and Nexus
* Used Ansible vault to secure information like passwords and secret
* Making configuration changes on the Server using Ansible
* Writing Playbooks for automating the daily tasks
* Taking backups of instances and backups of the production Database and providing them to Developers on staging/ Testing Environments for testing any issues
* Pulling the Artifacts from the Nexus and Deploying them to the Tomcat server through the Ansible playbooks.
* Ensuring the post-deployment sanity of code is done and correct signoffs are given assisting Adults.
* Seeking the Approval from Business/QA/UAT and Security Signoffs
* Creating servers, AMIs, and storage blocks in S3 taking snapshots, VPCs, subnets, load balancing, and Auto-scaling in AWS.

EDUCATION QUALIFICATIONS:

2015-2019 BETCH-ECE Ramachandra College of Engineering affiliated JNTU Kakinada 62%