Kondepudi chakravarthi

Chakravarthi

DevOps Engineer

Email:kondepudichakravarthi123outlook.com

Mobile no: 6304062885

Location   : Andhra pradesh

Genix Technologies.hyderabad

DevOps Engineer , *september 2021 – Present(2yearsexperience)*

• A competent DevOps/AWS Engineer with 2

year in Genix technologies. hands-on experience in automating and optimizing mission critical deployments over infrastructure.

• Responsible for implementation of branching methodologies.
• Creating branches, tags and maintaining source code at the administration level.
• Extensively worked with Version Control System GIT.
• Having good implementation Knowledge on Continuous integration tools JENKINS.
• Experience in creating master-slave setup for Jenkins.
• Excellent knowledge in creating environment setup using DOCKER.
• Experience in creating development, testing, production environments using docker compose.

• Having good knowledge on creating customized docker images based on organization requirements using Docker files.
• Knowledge on kubernetes.
• Strong knowledge in remote management of servers using Configuration management tool ANSIBLE.
• Assist team members in build deployment receiving and running builds and . troubleshooting issues to improve efficiency.
• Hand-on experience in writing Ansible Playbooks.
• Managing amazon web service infrastructure with automation using Terraform/cloudformation.

• Proficient in AWS services like VPC, EC2,S3,ELB,AutoScalingGroups(ASG

• Experienced in creating multiple VPC's and public, private subnets as per requirement and distributed them as groups into various availability zones of the VPC.
• Created S3 buckets in the AWS environment to store files, sometimes which are required to serve static content for a web application.
• Possess good knowledge in creating and launching EC2 instances using AMI's of Linux, Ubuntu, and Windows and wrote shell scripts to bootstrap instances.
• Used IAM for creating roles, users, groups and also implemented MFA to provide additional security to AWS accounts and its resources.
• Implemented domain name service (DNS) through route 53 to have highly available and scalable applications.
• Maintained the monitoring and alerting of production and corporate servers using Cloud Watch service.
• Created EBS volumes for storing application files for use with EC2 instances whenever they are mounted to them.
• Experienced in creating RDS instances to serve data through servers for responding to requests.
• Created snapshots to take backups of the volumes and also images to store launch configurations of the EC2 instances.
• Written Templates for AWS infrastructure as a code using Terraform to build staging and production environments.

SKILL SET :

| Version control tool | Git , Github |

CI/CD Tool	Jenkins
Infrastucture creation Tool	Terraform
OS	Linux&windows
CONTAINERIZATION Tool	Docker
CM Tool	Kuberneties
CONFIGURATION MANAGEMENT Toll	Ansible
CLOUD TECHNOLIGIES	AWS , Azure

EDUCATION:

● B.com - AKNU rajahmundry

Project : 1

Project Name : Toronto-Dominion Bank (TD) Group

Environment : Java

Application Server : Tomcat

Versioning Control Tools : GIT

CI Tool : JENKINS

Role : Terraform administrator.

Client : Barclays

Role : Build & Release Engineer.

Synopsis: The Toronto-Dominion Bank is a Canadian multinational banking and financial services corporation headquartered in Toronto. Here we have multiple banking applications for build and deployment.I have been supported for both core and non-core banking applications for the release management process.

Roles and Responsibilities: • Driving industry best practice implementation around CI/CD and infrastructure management

• Written manifests to customize the Ansible as per our environment.

• Manage the configurations of multiple servers using Ansible.

• Integrated the Ansible playbooks with Jenkins.

• Having good exposure in Jenkins for CI (Continuous Integration).

• Administered version control system that included branching and merging .

- Responsible for creating and developing the build process environment.

- Hands-on experience in Amazon Web Services (AWS) provisioning and good knowledge of

  AWS services like EC2, Elastic Load-balancers, S3, RDS,Route53, IAM, Elastic Search.

- Launching Amazon EC2 Cloud Instances using Amazon Web Services (Linux/ Ubuntu) and
Configuring launched instances with respect to specific applications.

- Defined AWS Security Groups which acted as virtual firewalls that controlled the traffic allowed

  reaching one or more AWS EC2 instances

- Hands-on in writing the Docker files for building images

- Containerizing applications with Docker

- Developing build and deployment pipelines using Jenkins, Maven for Java applications Strong

  working knowledge on GIT.

- Following SCRUM (SDLC) model.

Project: 2

 E-Commerce online shopping Application-Jio Mart

Service Line/Areas : K8s MicroService Application creation and deployment

Role : k8s Administrator/Dev

Client : Cultmode

 Project Description:

  Jio mart is an Indian online grocery delivery service as a joint venture between Reliance Retail and   Jio platforms .jio mart delivers grocery and daily essentials from nearby stores.

Roles and Responsibilities:

- Provide the solution to create my application with microservices base architecture.

- Responsible for creating a Git Repository setup for our Development team.

- Responsible to create a Kubernetes Cluster and Manifests files like Deployment and Services

- Configured the flow of CI and CD via Jenkins and setup the environment with the Dockerfile.

- Involved into the planning to take the decision to choose a CI and CD for our application.

- Configured the Docker based application and Deployment users as per business Requirements.
- Responsible for configuring Jenkins Job for the Requirement.

- Invented better ways to use Jenkins application for CI and CD.

- Documented the full process of Automation and provided the KT to the QA team to use Jenkins Job.

- Participated in on-call rotation to han ndle production outage incidents.

PERSONAL SUMMARY

Good Communication Skills,Cooperate with Team members,Maintain a Healthy and Safety Environment & Quick Learner, Adaptability to different environments,Hard working nature and friendly nature & Self motivated,Work freely under pressure

PERSONAL PROFILE Name : k.chakravarthi

Father Name   : k.srinu

Gender   : Male

Languages Known   : English and Telugu.

Mobile no   : + 91 6304062885.

DECLARATION

I hereby declare the above particulars are true to the best of my knowledge.

PLACE:

DATE: (K.chakravarthi)