Shaik Zaffar Ibrani
AWS and DevOps Engineer

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Objective:

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

Profile Summary:

- Good Knowledge in the **DevOps** area, working with various **CI/CD** implementations involving different phases from code compilation to deployment, Environment management, and maintenance.
- Hands-on practice of AWS cloud services **IAM, VPC, EC2, R53, Elastic search, ACM, VOLUMES, SNAPSHOTS, SNS, Lambda, ECR, ECS Fargate & AWS dev tools- code commit, code build, code deploy, and code pipelines.**
- Automated the Infrastructure creation using Terraform modules.
- Worked on a **CI/CD Jenkins & AWS code pipelines** for automating entire application deployment life cycle process.
- Knowledge in creating users and restricting permissions to the jobs and giving access to the respective jobs by customizing the permissions in Jenkins.
- Setup full **CI/CD pipelines** so that each commit a developer makes will go through the standard process of application deployment lifecycle and gets tested well enough before it can make it to the production.
- Automated the notifications to developers using **SNS topics** for CI/CD and general workflows.
- Hands-on practice on storing artifacts in S3 buckets by enabling versioning.
- Hands-on practice in **Docker** like managing containers, images, establishing the communication between the containers, Networking, Storage, and security.
- Automated docker **Image security using Amazon ECR scan on push policy in CI/CD**
- Established the communication between **Docker** containers between the all the microservices in **AWS ECS Fargate cluster** using service discovery endpoints.
- Deployed applications into different **env using code pipelines for cross accounts**.
- Configured SonarQube in CI/CD and thus automated the source code review in code pipelines.
- Hands-on practice in **configuration management tool Ansible.**

- Knowledge with core concepts in Ansible such as setup, Ad-hoc commands, Playbook.

- **Configure Ansible raw module** to establish the SSH connection between the ansible-master and remote nodes when there is no python installed on remote nodes.
- configured **Kubernetes** AWS EKS service scaling the cluster using cluster **auto scaler, horizontal pod autoscaling.**
- Hands-on experience in autoscaling the Kubernetes pods using both memory and CPU utilization.
- Configured Ec2 stack using AMI's, Autoscaling groups, target groups, and ALB.
- Automated **EBS** volumes snapshots and AMI's using cloud watch events.
- Streamed the AWS CloudWatch logs, code build logs to Elasticsearch cluster.
- Configured custom metrics of Ec2 instances in CloudWatch.
- Configured various S3 life cycle policies to auto migrate the large amount of redundant data flows to different storage classes.

Education:

EDUCATION	INSTITUTION	UNIVERSITY/ BOARD	YEAR OF	PERCENTAGE
B-Tech (Mechanical Engineering)	Nalla Narasimha Reddy Educational Society's Group of Institutions	JNTUH	2020	6.35 (CGPA)
Intermediate (M.P.C)	Narayana Junior College	Board of Intermediate education A.P	2016	67.0%
S.S.C	Narayana High School	Board of Secondary education. A.P.	2014	8.2(CGPA)

Technical Expertise:

Version Control Systems	Git, AWS code commit
Build Tools	Maven, AWS codebuild
CI/CD Tools	Jenkins, AWS Code pipelines
Containerization	Docker
Configuration Management	Ansible
Orchestration	ECS Fargate & Kubernetes
Cloud computing	AWS
Scripting Languages	Shell scripting, Terraform
Web/App servers	Apache/Tomcat
Platforms	Linux

Personal Details :

Father Name	:	Shaik Chand Basha
DOB	:	21-11-1998
Marital Status	:	Single
Languages	:	Hindi Telugu, English
Address	:	8-1423/A/II/39, Flatno:102, Taher Enclave
		New Daimond Hills, Friends Colony, Shaif Tombs Road
		Hyderabad, Telangana-500008, India

I here by clarify that all the information, provided above is true to the best of my knowledge

Place : Hyderabad
Date : 16/05/2022   **Shaik Zaffar Ibrani**