Ganesh Bhusal

Hello my name is Ganesh Bhusal. I am a DevOps Engineer with an experience on the field over five years. During my tenure as a DevOps engineer with different companies I was involved in developing CI/CD pipelines for different types of applications such as JAVA, NODE.js, C# and Python. I have a hands-on experience with different types of DevOps tools such as GIT as a version control tool, Jenkins as a CICD tool integrating Maven as a build tool and SonarQube as a code quality tool and Artifactory to store the artifacts.

We used to have two types of applications Monolithic and Microservices. For Monolithic applications we used IBM Webservers JVMS to deploy our enterprise applications. For Microservices we have used Docker as a container Management tool, also we have used Docker Swarm, Kubernetes and Elastic Container services. We generally used cloud services for our cloud applications. Our team owned different AWS cloud infrastructures, so we were responsible for building different types of AWS services such as EC2, ECS, EBS, ELB, security groups, S3 Buckets, IAM Roles, IAM User, IAM Groups - attaching policies to these IAM variants, certificate manager etc. I also have hands on experience with complex AWS mechanisms such as ECR, ECS, EKS, SQS, SNS, RDS, KMS, AWS lambda functions, Route 53 etc. I was personally responsible for load balancing and auto scaling services needed to run our applications. Also, we used Terraform very often basically to write Templates and create infrastructures in AWS. I also have experience in Ansible for configuration management to deploy packages in different VMS.

I have some experience with Splunk too, using it a monitoring tool. Our AMIs were backed with Splunk agent so we used those AMIs and start Splunk to send logs to the Splunk dashboard. Our team was also responsible for Automation as well so, we wanted to have less Manual Intervention and tried to automate everything in DEV and QA environment. In production and staging environment since there is a requirement of Change Management Ticket, we used the concept of Continuous Delivery.

So, overall the most important task of our team was to automate the CICD pipelines, make a plan for disaster recovery, deploy the applications in high availability environment and have the Continuous Monitoring setup for secure application.

**MY FIRST JOB** was atWorld Link Communication - where I worked as an intern and Jr. Linux system engineer. I had a hands-on experience with Bash Scripting, Tomcat, JBoss and java applications and different Linux systems such as ubuntu, red hat, centos etc. Also, I had some experience with CICD tools.

**MY SECOND JOB** was at E-SEWA where I worked as a Build Release Engineer. During my

time there I had enhanced experience with all the CICD tools. Also, I was fortunate to learn

about git, Jenkins, maven, SonarQube, Splunk etc. I was at Deer walk where I worked as

DevOps/AWS cloud engineer. During my tenure there, I experience with different DevOps tools

like Docker, Ansible, Kubernetes, Terraform, Splunk, Nagios, etc.

**MY LAST JOB** was at Viacom where i worked as DevOps Engineer/ SRE. During my tenure

there I worked on AWS cloud infrastructure such as C2, ECS, EBS, ELB, security groups, S3

Buckets, IAM Roles, IAM User, IAM Groups - attaching policies to these IAM variants, certificate

manager and also ECR, ECS, EKS, SQS, SNS, RDS, KMS, AWS lambda functions, Route 53 etc.

Also, I have worked on forming terraform templates, Docker, K8s, Jenkins, Maven, etc.