

Mayur Kamble

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Objectives

Looking forward to the opportunities where I can use my analytical skills in combination with technical expertise to improve all phases of enterprise development, implementation, and maintenance. DevOps engineer with 3 years of hands-on experience in automating and optimizing deployments. Proficient with developing CI/ CD pipeline and configuration management tools. Experience with automation tools like Jenkins.

Education

Bachelor of Technology (2019) from Shivaji University Kolhapur.

Work Experience

Working as Software Engineer at Flex, Pune from JULY 2019.

Technical Skills

- 3 years of Experience in **DEVOPS and AWS Cloud Services**.
- Strong knowledge of Software Development Life Cycle and Agile.
- Have worked on AWS services such as EC2, VPC, S3, IAM, CloudFront, CloudWatch, CloudTrail, SNS.
- EC2 – launched various types of instances such as t2.xlarge etc. created security groups, created AMIs, worked on EBS and EBS snapshots etc..
- Cross zone AMI and EBS snapshot sharing.
- VPC- created own Virtual network with provided CIDR block, created subnets, NAT gateways, internet gateways etc.
- Attached Internet Gateways, NAT Gateways to the Subnets and also managed route table entries.
- Configured firewalls of our Subnets with the help of Network ACL's
- Worked on VPC peering.
- Worked on application and network load balancers, created target groups, configured targets.
- Used spot instances for Auto scaling groups.
- Added load balancer setup under Auto scaling and applied auto scaling policies to make sure 100% availability of the ENV.
- Created multiple launch configurations as per requirements.
- Have complete knowledge regarding S3 buckets as well as AWS CLI with regards to S3.
- Worked on S3 bucket replication and also S3 bucket lifecycle to make sure data lifecycle is optimal.

- Managed user access with IAM, created various groups, used various AWS policies for granular access. Also worked on creating roles to manage project specific tasks.
- Hands-on experience with cloud watch, done application log monitoring as well as EC2 health monitoring, created own dashboards for better view.
- Worked on Cloud front with S3 and Load balancers.
- Hands on experience on Linux and Shell scripting.
- Worked on GIT and GIT HUB, created branches, GitHub access management.
- Worked on management of multiple project repositories, branches, tags etc.
- Worked on deployment of WAR on tomcat application server.
- Also worked on RDS database service.
- Worked on Docker containers, deployed application on docker container with the help of Jenkins.
- Worked on Maven tool for compilation of source code.

Skill Set

SCM Tools	Git, GitHub
Database	RDS (MySql)
Ticketing Tool	JIRA
Scripting Language	Shell Scripting, Groovy (Declarative Pipeline) Yaml
Operating system	Windows
CI/CD Tools	Jenkins
AWS Services	EC2, VPC, S3, SNS, RDS. Cloudfront
AWS Monitoring Services	Cloud Watch and CloudTrail
Servers	Apache Tomcat 9

Project Summary

Project Title : RoboMarkets Trading
Client : RoboMarkets, USA
Environment : Windows 7, Java,Eclipse Ide

Responsibilities:

- Source code management for both development team and also for QA framework in GIT and managing access to users in SCM.
- Creating and Maintaining EC2 machines, creating AMI, EBS snapshots.
- Setting up Application Load balancer for QA env.
- Infrastructure monitoring with the help of CloudWatch and CloudWatch logs.
- Setting up SNS topics for Email.
- Copying server logs onto S3 for backup, also maintaining S3 data lifecycle.
- Using CloudFront for low latency URLs.
- Creating IAM groups, roles and policies.
- Creating CloudTrail for monitoring user activity for compliance purpose.
- Creating Mysql DB in RDS and also maintaining its backups, read-replicas.
- Created VPC peering connections between QA and UAT networks for private subnets

- Worked on daily builds and deployments on DEV, QA and UAT Envs.
- Making sure the Envs are up and running for testing purpose.
- Creating and maintaining AWS Infra.
- Creating Jenkins CI/CD pipeline for all the branches.

Project: 2

Project Title : Invoice cloud e-billing
Client : Invoice cloud, USA
Domain : Telecom Billing

Responsibilities :

- Deployed java applications to application servers in agile continuous integration environment and also automated the whole process.
- Responsible for installing Jenkins master and slave nodes.
- Creating branches, tags in Git and managing access for users.
- With the help of Maven building code and packaging it to WAR/EAR and deploying to corresponding web or app servers.
- Creating S3 buckets and managing object lifecycle.
- Infrastructure monitoring with the help of CloudWatch and CloudWatch logs.
- Creating Mysql DB in RDS and also maintaining its backups, read-replicas.
- Creating Jenkins jobs for multiple automation tasks as well as build and QA Automation testing.
- Maintaining QA Automation framework in GIT for corresponding releases.
- Creating Load Balancers for High availability of the Envs.
- Creating IAM groups, roles and policies.
- Deploying Application on Docker containers and apache tomcat.
- Maintenance of AWS Infra on a regular basis, such as server patching, log clean up.
- Maintaining S3 bucket lifecycle.
- With the help of IAM maintaining user access and group access.
- Worked on implementing AWS using EC2, S3, RDS, EFS, Elastic Load Balancer, Auto Scaling groups
- Worked closely with teams performance, QA and prod support teams.

Declaration:

I do hereby declare that all the information given above is true to the best of my knowledge and belief.

Place : Pune

Date:

Name
Mayur Santosh Kamble