
DIKSHA DHOLE

AWS DEVOPS ENGINEER

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EXPERIENCE

AWS DEVOPS-ENGINEER

APTTECH SERVICES, NAGPUR

JAN 2020 - PRESENT

PROFILE

I am looking forward to work in an organization, which provides the environment for growth with competent and strong leaders in Cloud and Devops technologies. I am looking forward to work on various AWS services such as EC2, VPC, RDS, S3, IAM, Route 53, CI/CD tools and more.

KEY SKILLS

SCM Tools : Git, GitHub

Database : RDS (MySQL 8)

Scripting Language : Shell Scripting, Jenkins Declarative Pipeline

Operating Systems : Linux, Ubuntu, Windows

CI/CI Tools: Jenkins

Cloud Services : EC2, VPC,S3, SNS,Route 53, Cloud Front

Monitoring: Cloud Watch and Cloud Trail

Servers : Apache Tomcat 8

PERSONAL DETAILS

Date of Birth:15th Feb 1995

Address: Keshav Nagar,Pune

Languages known: English, Hindi, Marathi

- Responsible for Designing, Implementing, Testing and supporting Cloud based Infrastructures and solutions.
- I have hands on experience in **AWS and CI/CD DevOps Automation**
- Proficient in AWS services like **EC2, S3, RDS, Auto scaling, ELB, VPC, IAM, Cloud Front, Cloud Trail, Route 53, Cloud Watch, SNS**
- Worked on launching various types of ec2 instances such as T2.xlarge etc. created security groups, created AMIs, EBS and EBS snapshots etc.
- Experience in **creating multiple VPC's and Public, private subnets** As per requirement and distributed them as group into various Availability zones of the VPC.
- Configured **Bastion host to communicate with private instance** through Internet.
- Used **security group and ACL ,Internet gateway and route table** to Ensure secure zone for organization in AWS public cloud.
- Worked on **S3 bucket replication and also S3 bucket Lifecycle** to make sure data lifecycle is optimal and used to store Files which required serving static contents for web application.
- Use **IAM for creating users, groups and roles and also implemented MFA** to provide additional security to AWS account and resources.
- Added load balancer setup under Auto scaling and applied auto scaling policies to make sure 100% availability of ENV
- Worked on **RDS database service**.
- Complete hands on experience with **cloud watch**, done application log monitoring as well as **EC2 health monitoring, created own Dashboards for better view**.
- Setup code repositories and branching with **GIT and GITHUB**
- Good Hands on experience in integration many **tools with Jenkins like GIT ,Maven and Docker**.
- Established complete **Jenkins CICD pipeline** and complete workflow Of build and delivery pipeline.
- Created many slaves to take the workload from master Jenkins server.
- Good experience in deploying product tomcat web server.
- Worked on **Maven tool for compilation** of source code.
- Worked on **Docker containers, deployed application on docker container** with the help of Jenkins
- Hands on experience on Linux and Shell scripting.
- Good Knowledge of **Ansible for configuration management**.

ACTIVITIES AND INTERESTS

Participated in Robotics Festival

Participated in Raspberry Pi Workshop.

Reading Books and Listening music.

EDUCATION

BATCHER OF ENGINEERING

SB JAIN INSTITUTE OF TECHNOLOGY & MANAGEMENT NAGPUR.

Project:

Project Name: Web based ERP Application

Description: This is a web-based ERP application, contains various modules like Sales, Accounts, Store, HR, Reports etc. used by Production companies and warehouses. The product suits for small practices and production companies.

Responsibilities:

- Responsible for daily builds and deployments on DEV, QA and UAT Environments.
- Making sure the Environments are up and running for testing purpose.
- Responsible for Creating and maintaining AWS Infra.
- Creating Jenkins CI/CD pipeline for all the branches.
- Source code management of both development team and also for QA framework in GIT.
- Providing access to users in SCM and artifactory.
- 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.
- Setting up DNS for UAT Environments using Route 53.
- 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