

## **Pankaj Jadhav**

**DevOps Engineer**

**Phone: 9022930198**

**Pankajgadhav.06@gmail.com**

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### **Carrier Objective**

To obtain a challenging position in Enterprise Application Integration Environment, where technology integrates with business functionalities to enhance business process.

I look 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. An astute professional with over 3 Years of working experience in AWS Cloud Services and DevOps tools such as Jenkins, Docker, Ansible, Git, Maven, etc.

### **Professional Summary**

- I Worked on the Agile Methodology process in the project.
- Good knowledge of Software Development life Cycle (SDLC).
- Have Good Experience in AWS Cloud services such as EC2, VPC, S3, IAM, CloudFront, CloudWatch, CloudTrail, and SNS.
- EC2 – launched various types of instances, created security groups, created AMIs, and worked on EBS and EBS Snapshots.
- Have knowledge of sharing AMI and EBS snapshots in various zones and regions
- Managed user access with IAM, created various groups and used different AWS policies for granular access. Also worked on creating roles to manage project-specific tasks.
- Have good knowledge regarding S3 buckets as well as AWS CLI with regards to S3.
- Worked on S3 bucket replication and S3 bucket lifecycle to ensure the data lifecycle is optimal.
- Worked on the Cloud front with S3 and Load balancers
- VPC- created own Virtual network with provided CIDR block, also created subnets.
- Attached Internet Gateways and NAT Gateways to the Subnets and also managed route table entries and also worked on VPC peering.
- Configured firewalls of our Subnets with the help of the Network Access Control List (NACL)
- Complete hand on experience with Cloud watch, done application log monitoring as well as EC2 health monitoring, created own dashboards for better view.
- Worked on application and network Load balancers, created target groups, and configured targets.
- Created multiple launch configurations as per requirements.
- Added load balancer setup under auto-scaling and applied Auto Scaling policies to keep the environment 100% available.
- Hands-on experience with Linux and Shell scripting.
- Good knowledge of Jenkins Declarative pipeline.
- Created multiple jobs in Jenkins and have knowledge in creating slaves and credential management
- Experience in Creating and working on Docker Containers, Dockerfile and Docker-Compose
- Worked on Docker containers, and deployed applications on docker containers with the help of Jenkins
- Experience in Ansible as a Configuration Management Tool.
- Experience in setup up Ansible Server and Slave on Cloud, good knowledge of tasks, handlers and host patterns, have created Ansible Playbooks.
- Worked on GIT and GIT HUB, created branches, and GitHub access management.
- Worked on the management of multiple project repositories, branches, tags etc.
- Worked on Maven tool for compilation of source code.
- Worked on the deployment of WAR on the Apache Tomcat application server.
- Also worked on the RDS database service.

## Experience Summary

Currently Working as a DevOps Engineer in Infogain, Pune from July 2019 - till date.

## Projects

### Project No : 1

**Project name : Capital Restructuring & Privatization**

**Client : Investec, UK**

#### Roles and Responsibilities:

- Making sure the Environments are up and running for testing purpose.
- 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 Environment.
- Infrastructure monitoring with the help of CloudWatch and CloudWatch logs.
- Setting up SNS topics for email notification.
- 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 Environments.

### Project No : 2

**Project name : Smart Billing and CRM System**

**Client : Deutsche Telekom, Germany**

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#### Roles and Responsibilities:

- Analyzing & validating the completeness of business requirements.
- Maintenance of QA and UAT env.
- Deploying daily builds on VMs hosted in AWS cloud.
- Management of VPC and other AWS services.
- Creating IAM roles and policies for multiple users and services.
- Monitoring Environment as well as application with the help of CloudWatch.
- Webserver and Application Server maintenance and upgrade whenever required.
- Database Management with the Help of RDS, creating read replicas, hosting database instances.
- Creating S3 Buckets and implementing object lifecycle.
- Attaching EBS and EFS volumes to EC2 instances.
- Creating Docker containers and deploying application on it.
- Managing Jenkins and creating jobs as per requirement
- Co-ordinating with various teams such as DEV, QA, Performance, DB support teams in case of any critical issues reported.
- Managing source code with Git by creating branches, tags etc.

## Skills Summary

- Operating System : Windows 2016 and RHEL 8
- AWS Cloud services : EC2, VPC, IAM, S3, CloudFront, EFS
- Language : Shell Scripting, Groovy (Jenkins Declarative Pipeline)
- Test Management Tool : JIRA
- RDBMS : MySQL
- Monitoring tool : CloudWatch and CloudTrail
- CI tool : Jenkins
- Containerization : Docker and Docker-Compose
- Configuration Management tool : Ansible
- SCM : Git and GITHUB.

## Educational Background

- Bachelor of Science from YCMOU, Nashik

## Languages Known

Good Oral and Written communication in English, Hindi and Marathi.

## Declaration

I do hereby confirm that I will deliver the best part of my service and dedication if I get recruited in your company. I fully hope that you will provide me an opportunity to work in your esteemed organization.

Date :

Yours Sincerely

Place :Pune

**[Pankaj Jadhav]**