



## Kalpana Gajwa

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## Personal Synopsis:

CDAC Certified and 2.10+ years of experience in AWS Cloud and Devops Engineering. Seeking to leverage my technical and professional expertise to learn and grow in the new role in your company. Implementing and managing cloud infrastructure (public and private) based on the budgetary requirements set forth by management.

## Technical Skills:

### Amazon Web Services:

- Create/Managing buckets on S3 and store DB and logs backup.
- Setup/Managing Linux Servers on Amazon (EC2, EBS, ELB, Security Groups, RDS and IAM).
- Setup/Managing VPC, Subnets; make connection between different zones; Blocking suspicious IP/subnet via ACL.
- Setup/Managing Databases on Amazon RDS. Monitoring servers thorough Amazon Cloud Watch, SNS.
- Creating/Managing AMI/Snapshots/Volumes, Upgrade/downgrade AWS resources (CPU, Memory, EBS)
- Job Scheduling & Monitoring using crontab.
- Building Infrastructure with Terraform and cloud formation
- Configuring server using ansible
- Scheduling Job in CPM for daily backup
- Creating and managing CI/CD pipeline setup using Jenkins

**Operating Systems:** Red Hat 6/7, CentOS 6/7, Amazon Linux, Windows

**CI-CD/Automation Tools:** Cloud Formation, CPM, Git, Jenkins, Terraform, Ansible

**Scripting:** Python Scripting

## Certifications:

CDAC-PGDSSD

## **Professional Experience:**

### **C2CdBSystems, Bangalore**

Working as AWS Cloud Engineer in C2CdBSystems.

From April 2018-Present.

**Title** : Frigate Cloud Infra

**Platform** : AWS

**Description:** I am Supporting Cloud Operation team of C2CdBSystems. We are responsible for working closely with software development team of customer and bring infrastructure as required in the project. Part of our job requires designing/redesign/implementing new or existing solutions. I am doing migration of on primes server to cloud for cost saving and high availability.

## **Academic Projects**

**Title** : Packets Sniffer

**Platform** : Network Security

**Duration:** 1 Month

**Description** : A packet sniffer is a tool that intercepts data flowing in a network. If computers are connected to a local area network that is not filtered or switched, the traffic can be broadcast to all computers contained in the same segment.

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**Title** : Mess Home

**Platform** : Android Programming

**Duration:** 6 Months

**Description** : The main objective of this project where user/customer can pay monthly and can take advantages of monthly Payments. The advantages of that project that if user go to outside than his/her money are safe in our system.

## **Area Of Expertise:**

- Worked exclusively on making applications more scalable and highly available system in AWS (load balancing) with full automation.
- Build and release EC2 instances Amazon Linux, Redhat and Windows for POC, Development and Production environment.
- Setup and attached EBS volumes to EC2 instances.
- Setup and managed security groups, VPC specific to environment.
- Setup and managed backup and recovery using snapshot
- Created AMI images of critical EC2 instances as backup using AWS CLI and GUI.
- Managed and created user accounts, shared folders, Printing Services, providing day to day user support, Log management, reporting, applying Group policy restrictions

- Provide highly durable and available data by using S3 data store. Utilize Amazon Glacier for archiving data.
- Infra-structure development on AWS using various services like EC2, S3, RDS, Route 53, Cloud Front, Cloud Watch, IAM,VPC etc.
- EC2 instances, Auto Scaling, Elastic Load Balance and AMIs.
- Utilize EBS to store persistent data and mitigate failure by using snapshots.
- Created AMI images of the critical EC2 instance as backup using aws CLI and GUI.
- Created RDS database. Configured and managed NFS, Samba, FTP Cloud Front setup for Low latency for fast loading website/web contents experience.
- Hands on experience on VPC, Subnets, and Route tables etc.
- Utilized Cloud Watch to monitor resources such as EC2, CPU memory, Amazon RDS DB services.
- Deploying infrastructure using cloud formation
- Creating Jenkins jobs to automate start/stop server and deployment of new server.
- Using CPM tools for daily backup

## **Educational Qualification:**

<i><b>Degree</b></i>	<i><b>University</b></i>	<i><b>YEAR</b></i>	<i><b>Percentage</b></i>
<i>PG-DSSD</i>	<i>CDAC Knowledge Park</i>	<i>2018</i>	<i>65%</i>
<i>MCA</i>	<i>MCRPV Bhopal</i>	<i>2017</i>	<i>75%</i>
<i>PGDCA</i>	<i>MCRPV Bhopal</i>	<i>2014</i>	<i>77%</i>
<i>B.Sc(CS)</i>	<i>Vikram University</i>	<i>2012</i>	<i>64 %</i>
<i>H.S.C. (12<sup>th</sup> Grade)</i>	<i>State Board of M.P.</i>	<i>2009</i>	<i>63 %</i>
<i>S.S.C.</i>	<i>State Board of M.P.</i>	<i>2007</i>	<i>67 %</i>

## **Personal Details:**

**Name:** Kalpana Gajwa

**Father Name:** Ramnarayan Gajwa

**Date of Birth:** 11/02/1992

**Address:** Bangalore,560016

**PAN No:** BRBPG4887Q

## **Declaration:**

I hereby declare that the above furnished information is true to the best of my knowledge.

**Place:** Bangalore

**Kalpana Gajwa**

