

Anupama Bhimnath

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Career Overview :

Experienced IT professional with over **6+ years** in Cloud Computing.

SUMMARY OF EXPERIENCE :

- ⌚ Experience in servers in premises as well as in Cloud. Hands on experience in handling Web Services on different technology stacks like AWS. Demonstrated abilities at interacting with web platform teams and being aware of upcoming projects & Cloud Computing in aws.amazon.com.
- ⌚ Experience in Deploying, maintaining and managing AWS cloud services. Ensure the high availability, performance, scalability and security of production systems.
- ⌚ AWS Identity and Access Management (IAM) enables securely control access to AWS services and resources for users. Using IAM, we can create and manage AWS users and groups, and use permissions to allow and deny their access to AWS resources.
- ⌚ Designing, Developing and Cloud implementation with AWS cloud infrastructure.
- ⌚ Expert level knowledge of AWS components such as EC2, S3, EBS, VPC, Elastic IP's, Security Groups, RDS, EMR, CloudFormation, Cloudwatch, Volumes, Snapshots, AMI's, ELB and Auto-Scaling other services in AWS Cloud Infrastructure such as IAAS, PAAS and SAAS.
- ⌚ AWS Availability Zone, VPC-Virtual Private Cloud, Subnets, Route Tables, Security Groups, Network, Access Control List & Elastic IP Address.
- ⌚ Also working on Automation tools like **Terraform**. DevOps tools like Kubernetes, Docker, Git, Ganglia, Jenkins, Ansible, Nagios etc.
- ⌚ Enterprise Distribution of EMR Eco System on Amazon Web Services Cloud.
- ⌚ Development experience of writing Lambda function for running it in AWS cloud as per Requirements of the projects.
- ⌚ Worked on various operating systems like Linux, RHEL, Ubuntu, Windows, and Centos.

TECHNICAL FORTE:

- ⌚ AWS Cloud Hands On Experience
- ⌚ Linux installation and troubleshooting.
- ⌚ SQL and NOSQL
- ⌚ Docker
- ⌚ Kubemets
- ⌚ ELK

WORK EXPERIENCE

1. Virtuous Soft Solutions. August 2017 - Till Date

Designation: Cloud Administrator

Roles and Responsibility:

- ⌚ As Cloud Engineer, I have deep understanding and working experience in various technologies, platforms and different domains. Such as Compute, Network, Storage, Data Analysis, Security etc.
- ⌚ Performing troubleshooting and root cause analysis to identify and recommend operational changes.

- ⌚ Support and sustain customer facing AWS Production. Front line support for Cloud Monitoring - Infrastructure and Application. Responding, troubleshooting and resolving production alerts.
- ⌚ Data is growing globally in volume, velocity, and variety which organizations need to store and process. So, our organization decided to move to Hadoop Enterprise to overcome these situations. Firstly, it resolves the Storage problem using Hadoop Distributed File System, which stores the data in Distributed format.
- ⌚ Communicating and troubleshooting operational issues supporting a complex environment.
- ⌚ Initiation for Incident Response for cloud outages. Analyzing trends to pro-actively prevent incidents.
- ⌚ Responding to product escalations from Support as well as Engineering. Scaling infrastructure capacity on production. Participation in Cloud Updates and Maintenance.
- ⌚ Assistance in security vulnerability and remediation. Comfortable working in a fast-paced, dynamic and flexible environment.
- ⌚ Auto scaling servers, CPU and storage as required using ELB and CloudWatch.
- ⌚ Automated AWS Infra creation using CloudFormation, Migrated AWS Infra between different Accounts. Setup DR environment in AWS.
- ⌚ Managed different AWS Accounts for IAM Users and Implemented Switch Role between them.
- ⌚ Setup and maintain VPC peering with multiple AWS accounts as well as inter-region connectivity.
- ⌚ Monitoring system architecture with CloudWatch, CloudTrail and AWS Configuration.
- ⌚ Used CloudWatch to set alarms for notification or automated actions and to monitor logs for a better understanding the system.
- ⌚ Launching Virtual Private Cloud (VPC), creating subnet in the VPC, launching EC2 instance and RDS database instances, configuring and maintaining the route table, internet gateway within the VPC.
- ⌚ Categorization and tagging of all servers, network and storage as per request raised from Service Request Portal. Creating IAM rules with required policies.
- ⌚ Enabled Versioning and Life Cycle Policies for archiving data and to maintain high durability and availability of data in S3 Bucket.
- ⌚ Created and managed S3 buckets enable logging in S3 bucket to track the request who is accessing the data and enabled versioning on S3 bucket to restore the deleted file.
- ⌚ Utilized Amazon Glacier for archiving data. CloudWatch and CloudTrail for audits and the maintenance of the cloud environment. AWS Data pipelines use for supports integration of data & activities across multiple AWS regions.

2. Virtuous Soft Solutions. January 2016 - July 2017

Designation: Cloud Engineer

Roles and Responsibility:

- ⌚ Managing Amazon Web Services through a simple and intuitive web-based user interface. Handling and looking after the technology strategy, budgeting, architecture, implementation and support of all content management, collaboration and portal platforms.
- ⌚ Performing troubleshooting and root cause analysis to identify and recommend operational changes. Support and sustain customer facing AWS Production. Support for Cloud Monitoring - Infrastructure and Application. Responding, troubleshooting and resolving production alerts.
- ⌚ Handling planning processes for the line of business. Accountable for requirements analysis, estimation and on-time project delivery. Communicating and troubleshooting operational issues supporting a complex environment.

- ⌚ Responding to product escalations from Support as well as Engineering. Scaling infrastructure capacity on production. Participation in Cloud Updates and Maintenance.
- ⌚ Managed different AWS Accounts for IAM Users and Implemented Switch Role between them.
- ⌚ Setup and maintain VPC peering with AWS accounts as well as inter-region connectivity.
- ⌚ Monitoring system architecture with CloudWatch, CloudTrail and AWS Configuration.
- Experience in Cloud Environments like Amazon AWS and its segments like EC2, S3, EMR.
- Setting up, Installing, configuring, maintaining and monitoring. Configure the trash and set a specified amount of time for the files to remain in the trash after deletion.
- Backups, snapshots and recovery from node failure. Importing / Exporting data to/from RDBMS.
- Loading data from S3 to HDFS and vice versa. Performing Distributed copy between clusters.
- Troubleshooting, diagnosing, tuning cluster and reporting to senior administrator.
- Setting up Alerts for services in AWS EMR Eco-system.

3. Virtuous Soft Solutions. July 2014 - December 2015

Designation: Cloud Trainee Engineer

Roles and Responsibility:

SKILLS:

- Deep understanding and working experience in various technologies, platforms and different domains. Such as Compute, Network, Storage, Caching, Data Analysis, Security etc.
- AWS cloud components such as EC2, Simple Storage services (S3), Virtual Private Cloud (VPC)
- NoSQL services, Network Services, Lambda, Data Pipeline Services and Security Services.
- Demonstrated abilities at interacting with web platform teams and being aware of upcoming projects.
- Knowledge of SQL, BI, Cloud Computing in aws.amazon.com.

TRAINING:

- **AWS Cloud Training :**

Compute Services like EC2, Lambda etc.

Storage like S3, EBS etc.

Migration like Database and Server Migration Services etc.

Database like DyanamoDB, RDS etc.

Networking and Content Delivery like VPC, Direct Connect etc.

Management Tools like Cloudwatch, Cloud Trail etc.

SCHOLASTIC'S:

Post Graduation: Masters of Technology(M.Tech) from Vellore Institute of Technology, Vellore, TamilNadu, India.

Degree: Bachelor of Engineering(B.E) from Solapur University, AGPIT, Solapur, Maharashtra, India.

PERSONAL SNIPPETS:

Date of Birth : 1992

Languages Known : **English, Hindi, Marathi, Telugu, Japanese(N5 Learning)**