

Sangmeshwar Darphale

My Contact

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Technical Skills

- **Cloud Technology:** AWS
- **Languages:** YAML, Python, MySQL, Shell
- **Operating System:** Linux, Windows
- **Ticketing Tool:** ServiceNow, Jira

About Me

Driven AWS Engineer with a focus on implementing automation and best-practices to boost organizational efficiency. Actively seeking to contribute my expertise to your dynamic and innovative team.

Professional Experience

Reliance JIO Infocomm Pvt. LTD.

System Engineer :- Apr 2021 - May 2023

Key responsibilities:

- Manage Amazon Web Services – ELB, EC2, S3, RDS, SNS, Cloudwatch, Cloudtrail, Auto Scalling, Athena, VPC, System Manager, IAM, Cloud Formation.
- Expertise in architecting secure VPC solutions in AWS with the help of Network ACLs, security groups, public and private network configurations.
- Create S3 buckets and also managing policies for S3 buckets.
- Experience in managing and maintaining IAM policies for organizations in AWS to define groups, create users, assign roles and define rules for role-based access to AWS resources.
- Create snapshots and amazon machine images (AMIs) of the instances for backup and creating clone instances.
- Responsible for architecting, designing, implementing and supporting of cloud-based infrastructure and its solutions.
- Experienced in creating multiple VPC's and public, private subnets as per requirement and distributed them as groups into various availability zones of the VPC.
- Created NAT gateways and instances to allow communication from the private instances to the internet through bastion hosts.
- Used security groups, network ACL's, internet gateways and route tables to ensure a secure zone for organization in AWS public cloud.
- Created and configured elastic load balancers and auto scaling groups to distribute the traffic and to have a cost efficient, fault tolerant and highly available environment.
- Created S3 buckets in the AWS environment to store files, sometimes which are required to serve static content for a web application.
- Implemented domain name service (DNS) through route 53 to have highly available and scalable applications.
- Experience in writing Lambda functions in languages like Python.
- Integrating Lambda with other AWS services for building scalable and resilient applications.
- Configuring and managing AWS resources using Run Command.
- Knowledge of Session Manager for secure remote access to EC2 instances and virtual machines.
- Implementing SSM Agent on EC2 instances for managing and configuring instances at scale.
- Experience in using YAML/JSON templates to define infrastructure as code (IaC).
- Deep understanding of CloudFormation resource types, mappings, parameters, and outputs.
- Integration of CloudFormation with AWS services like EC2, S3, IAM, etc.

Education Background

- B.E in Computer Science and Engineering- 2018
A.G Patil Institute of Technology
Solapur-Maharashtra
- Diploma in Computer Engineering- 2013
A.G.Patil Polytechnic Institute
Solapur-Maharashtra
- 10th- SSC Board – 2010
Shri Siddheshwar Bal Mandir School
Solapur- Maharashtra