

Vijayalakshmi V

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Profile Summary

A person with 4 years of experience in IT service industry with good knowledge in an AWS Cloud Operations support and Lambda python scripting.

Work Experience

- Worked with **CSS Corp** as an **Support Engineer** from 2017- 2019.
- Worked with **Securecloud Technologies** as a **Associate - Cloud Engineer** from 2019-2022.

Professional Profile

- Experienced in Amazon Web Services ,Devops and Linux
- Experienced with version control systems like GIT and used source code management tools GitHub,Code Commit including command line applications.
- Experienced with Amazon Web Services Creating, configuring and Managing EC2, IAM,S3, CloudFormation, Dynamo DB, SNS, CloudWatch, VPC, ELB services across AWSZone.
- Worked in Python Scripting using boto3 with AWS Lambda and Linux.

Skill Set

- Operating System : RedHat/Amazon Linux
- Web Server : Apache Web Server
- Version Controls : Git , GitHub
- Scripting : Python , Cloud Formation Template

Tools Used

- Ticketing tool : BMC Remedy,Freshdesk
- Monitoring tool : Nagios , New Relic,Datadog
- Deployment tool : JIRA

Projects Worked: Securecloud

- Monitoring and Managing the AWS ec2 servers applications
- Escalating the tickets and worked on L1 tickets
- Worked on weekly patches for the servers
- Had worked on Incident Management ,Change Management,Work request tickets as per the SLA
- Weekly and monthly Reports had done and sent to the clients on Time
- Written the bucket policy to copy the buckets and objects for cross accounts
- Creation and management of **IAM** users and groups
- Configuring topics for Email and SMS in AWS SNS
- Configured and managing security groups and VPC
- Created and setup the **OpenVPN** servers for maximum 10 connected users.
- Authored the Email notification regarding untagged instance
- Authored the vulnerable rules in Security groups
- Authored and created the ami and ami tags using instance tags
- Authored and automated the AMI creation and Deleting aged snapshots on scheduled basis
- Authored and automated the autoscaling spin up and spin down the EC2 instances on scheduled basis

Devops:

- Created AWS Cloud formation templates such as creating VPC setup ,VPC endpoint and total architecture deployment end to end (Creation of EC2 instances & its infrastructure).
- Have hands on Terraform.
- Automation python scripting.
- Had done the build and deployment for releasing the various versions of servers.

Projects Worked: CSS Corp

1.Unilever:

- Providing Operations support to remotely using ticketing tools.
- Installing, Configuration and administration of AWS Services and Cloud Servers.
- Communicating and resolving the issue faced by agency/client through Mail/Skype/ticketing tool.
- Implemented and maintained the monitoring and alerting of production and corporate servers/storage using AWS cloud watch.
- Installation, configuring and maintaining Apache web server.

2.Bridgestone Corporations:

- Used IAM to create and manage AWS users and groups and use permissions to allow and deny their access to AWS resources.
- Working on Python to automate the infrastructure on the AWS for all environments.
- Used to write the python script to fetch the AWS service data into CLI using Boto.
- Writing scripts in the AWS server less Lambda for triggering several Aws services using python.
- Had done the Bridgestone deployment using JIRA Ticketing tool such as API, Lambda versioning and Dynamo DB.
- Creating API resources in the API gateway by using HTTP methods to store the customer data.
- Publishing new versions of AWS lambda and API by taking backups of the lambda functions.

Docker/Kubernetes:

- Have hands on Docker and containers.
- Used Docker Hub to pull the containers and images through CLI.
- Have hands on k8 cluster management.