Mahesh Kanna G

Cloud Engineer

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Profile Overview :

- I have close to 5 years of industry experience. In my current role, I am responsible for performing global cloud operations for **AWS, Azure**, and **GCP**.
- This spans from on boarding clients to cloud platforms, provisioning access to resources with best practices, setting up organization connected virtual private networks for cloud servers, resolving exception for security guardrails, creating monitoring dashboards and alerting.
- I also have my expertise extended into AWS Workspaces, Azure Windows Virtual Desktop and VmWare VDI desktop-as-a-solution.

Professional Experience

Deloitte.   Current - Oct 2018

Deloitte Cloud Services -Operations

AWS :

- Creating IAM Role, Users, Custom Policies for all Deloitte member firms globally.
- Creating Deloitte Connected VPCs for EMA, APA, and APAC regions.
- Resolving security exceptions like making EBS, RDS snapshots public, sharing AMI between accounts, IAM role exceptions, SQS queue encryption, Security Groups allowing inbound traffic over the internet, customer Master Key rotation.
- Rebuilding and modifying AWS Workspaces.
- Monitoring and resolving GuardDuty and Prisma Alerts.

Azure :

- Performing RBAC and custom role creation via Azure console and Powershell.
- Creating Public IP's and attaching them with Health probes and Load balancing rules.
- Creating Virtual Networks and Peering Vnet's in the organization-wide hub-spoke model.
- Assigning SPN access to APIs via API Management Service.
- Creating Backup and Recovery for Resource Groups using Azure Site Recovery Service and Backup Service.
- Exception for Public IP policies at Subscription,Resource Group and resource level.
- Managing Resource Tags. Purging and Scaling resources.

GCP :

- As a part of the Global Innovation Challenge, single-handedly ideated, developed, and deployed a scalable **Chatbot solution** using GCP Dialogflow Service at nearly **ZERO** cost to the organization.
- Working with GCP users on any reported issue and guiding them to resolution.
- Creating Service Accounts, Keys leveraging best practices.
- Creating custom roles for cross-project access.
- Supporting users reported issues and guiding them towards resolution.

Mindtree Limited

Application Support Engineer   Jan 2016 - Oct 2018

- Monitoring health and availability of Azure DevOps and restoring back the service in case of any anomalies. Also, root causing the issue relating to Cloud Infrastructure and publishing blog posts in Azure status page.

- Configuring and managing VM's, Web and Worker Role Instance, recording web tests and Endpoints, Upgrading and monitoring Database performance.

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Skills

AWS -
IAM, S3, RDS, EC2, VPC, Cloudwatch, Step functions, GuardDuty, Workspaces, ELB, lambda Monitoring

Azure -
RBAC, Blueprint, Policies, Recovery Service Vaults, Public IP, Load Balancers, API Management, Management Groups, Virtual Networks, Azure AD, Load Balancers, Route Tables,

GCP -
IAM,Custom Roles, Policy Exceptions, Service Accounts, Compute Engine, BigQuery, VPC, Firewalls, Dialogflow, Firebase, Stackdriver

VMware -
Horizon Administrator Console,VSphere, VROPs custom dashboards, Alerts, Heatmaps, Stratusphere

Cloud VDI -
AWS Workspaces, Azure Windows Virtual Desktop

Well versed with **SAFe** practices, **Scrum** and **Kanban** Board, Interim Scrum Master for the team.

Frameworks & Tools -
Service Now, ICM, Azure DevOps,Kibana,VSCode, Postman, Terraform(basics)

Accomplishments

- At **Deloitte** recognized with **Above and Beyond , Applause** and Spot Awards for supporting end users and in time deliverables.
- Won Global Innovation Challenge FY20 for "Chatbot" Solution on GCP.
- At **Mindtree** awarded with "Unstoppable" for relentless support during a Azure DevOps Outage

Education

B. Tech (ECE) ,St. Martins (JNTU HYD)
Grades : 67 %
B.I.E (12th), Narayana College
Grades : 87 %
S.S.C (10th), Vignan Vidyalayam
Grades : 86 %