HARISH KUMAR REDDY

Harinathreddy735@gmail.com | https://github.com/Hari735
+91 7022221611   linkedin.com/in/harishkumarreddy-hosur-b628b5258

OBJECTIVE

Hardworking and passionate job seeker with strong organizational skills eager to secure entry-level AWS Cloud Engineer position. Ready to help the team achieve company goals.

SKILLS

Cloud Technologies: Amazon Web Services (AWS): Ec2, S3, EBS, Lambda, VPC, IAM, ELB, Auto Scaling, Cloud Watch, Cloud Trail, Athena, etc., IAC Tools: AWS CloudFormation,	Web Developing Tools: Python, HTML/CSS, GIT, GIT Bash O.S: Linux, Ubuntu, Windows Debugging Tools: IDLE, Notepad++, V.S. Code.	Communication & Interpersonal: Effective communication (English, kannada, Telugu) Flexible to travel for work occasionally to different sites. Willing to learn new things and hard work.

PROJECT 1:- Implement CloudWatch to monitor EC2 instance logs for failed SSH attempts with Alarm notification.

- Create an EC2 instance with UBUNTU AMI and launch it.Create an IAM Role with (EC2) Use Case and add CloudWatchAgentAdminPolicy and CloudWatch AgentServerPolicy policies to the role.
- Attach this role to the EC2 instance you have created.
- Connect to the EC2 instance using EC2 Instance Connect and execute following commands to install and configure wizard for CloudwatchAgent into the ec2 instance.
- Enter the log file path in wizard - /var/log/auth.log.
- Once Cloudwatch Agent configuration is over -Enter the Fetch command.
- Once SNS Topic has been created, create a Subscription for the topic -
- Go to Cloudwatch - Log Groups ->We can see a log group called "auth.log" has been created.Click on the log group - we can see a Log stream has been created as well by default

according to configuration given in the Wizard.
- In the Cloudwatch log groups ,Select the Log group we have generated (auth.log) and create a Metric filter for it.
- Enter "Connection reset" for the filter pattern and for test pattern ,select the Ec2 instance id and click test pattern.
- Keep the "In alarm" state trigger and select your created SNS Topic to receive the alarms.
- Now you should get an alarm email sent to you regarding failed SSH attempts.

PROJECT 2 :- Build and maintain infrastructure that could store, process & manage the huge amount of data collected from various sources. Dealing with both streaming and stationary data it was important to consider scalability requirements.

- Designed and deployed dynamically scalable, fault-tolerant, and reliable applications on the Cloud using AWS services like EC2, ECS, Lambda functions, Application load balancers, SNS, SQS and Autoscaling groups.
- Selected appropriate AWS services to design and deploy an application based on the given requirements to support scalability, fault-tolerance and low cost.
- Provisioned AWS resources using CloudFormation templates that were executed.
- Created multiple IAM roles and policies for various requirements like user accounts logging through AWS console and AWS resources accessing other resources
- Implementing cost control strategies across different aws accounts in order to reduce the monthly bills.
- Understand all the actions performed in the AWS account by auditing AWS CloudTrail and CloudWatch services.

EDUCATION

ITVEDANT Education Pvt. Ltd | Master Certification Course   Bangalore, India | 2021-Present
  🎬 AWS & Azure Cloud Technology
Gates Institute of Technology | Bachelor of Technology   Gooty, A.P | 2021
  🎬 Civil Engineering
Nri Junior College | Intermediate (+2)   Guntur, A.P | 2015

Prathibha High School | SSC (Xth)   Kurnool, A.P | 2012

CERTIFICATES

🎬 Certification in Python, AWS CCP & Solution Architect & SysOps by Itvedant 2022
🎬AWS Certification in AWS Cloud Practitioner by Amazon Web Services 2023
   Validation number**: SBJG84P2TJEEQ5WJ**
   Validate at **: https://aws.amazon.com/verification**