Logesh S   Phone: +91 9488940491
Cloud and Infrastructure Engineer   Email:logesh81098@gmail.com
GitHub Repository: https://github.com/logesh81098
LinkedIn: https://www.linkedin.com/in/logesh-shanmugavel-5566421a6/
Medium blog link: https://medium.com/@logesh81098
Credly link: https://www.credly.com/users/logesh-shanmugavel

CAREER OBJECTIVE:

Actively looking for an DevOps Engineer and very much passionate about Cloud security and Kubernetes to pursue a challenging profession where I can contribute my knowledge and skills for growth and development of the organization.

TOOLS and Software Application:

1.AWS	2. Terraform	3. Docker	4. GitLab
5. Kubernetes	6. Bash Scripting	7. Jira	8. GitHub

Ticketing and Monitoring Tool:

Monitoring Tool:
- New Relic
- Datadog
- PagerDuty
- Zabbix
- Prometheus (Basic Understanding)

Ticketing Tool:
- Jira
- Manage Engine Service Desk Plus
- Slack
- Solar Wind

Hands on Experience on AWS Service:

1. EC2 instance	2. S3 Buckets	3. RDS	4. Route53
5. VPC	6. IAM	7. ELB (Elastic Load Balancer)	
8. CloudWatch	9. CloudTrail	10. CloudFormation Template	
11. SQS and SNS	12. Eventbridge	13. Lambda	
14. Directory Service	15. Backup	16. Step Function	
17. SSM document	18. Secret Manager	19. Cloud Formation Template	
20. SNS	21. SES service		

Projects on AWS:

1.Copy files from S3 bucket to EFS File System using Lambda Function: Here whenever user uploads files in S3 bucket, it will automatically copy to EFS files using Lambda function.   Additionally, we used Terraform to deploy this infrastructure.
Blog link: https://medium.com/@logesh81098/copy-files-from-s3-to-efs-using-lambda-via-terraform-42174ea6c0ff

2.Creating AWS Infrastructure using Terraform and deploying it via GitLab CI/CD Pipeline
Blog Link: https://medium.com/@logesh81098/creating-aws-infrastructure-using-terraform-and-deploying-it-via-gitlab-ci-cd-pipeline-f6c0e247f339

3. Recognizing faces using AWS Rekognition Service
Blog Link: https://medium.com/@logesh81098/face-recognition-using-aws-rekognition-service-6505c6d7a324

Certification:

- Kubernetes and Cloud Native Associate
- AWS Cloud Practitioner
- Udemy Certified - AWS Solution Architect Associate.
- CyberArk Certified Trustee
- Ansible for Absolute Beginner - KodeKloud

INTERNSHIP EXPERIENCE AND SKILLSET:

Experience: SOC Trainee at Aptus Software Labs: 2020 December – 2021 October:

- Installing new packages in the Linux system and learning about it.
- Applying GPOs to Windows Servers.
- Collect the Open-Source Information about Targets using various Open-Source Tools. And Vulnerability Assessment on the Target, Identifying Severity of the Vulnerability and examining it.
- Performing Vulnerability scan using Nessus, OpenVAS, NMAP
- Working on GRC tool (Eramba) and Applying Policies, Governance and Controls.

Experience: Graduate Trainee at Citrus Consulting Service: 2021 November– October 2022

Ticket Handling: As L1 support acknowledging the requests from Clients via ticketing tools (Jira, Service Desk Plus, CSP).

Project Management: Implementation of *CyberArk (PAM Solution)* Installation and Configuration of five components of CyberArk on Windows Servers.

Onboarding users, Accounts (Windows, Linux, SSH key, Website hosted account) and Platform (Customize according to the environment) for CyberArk

Monitoring and Logging: Onboarding new clients in Microsoft Defender O365 and configuring Rules and Filter for it. Monitoring logs and alerts through Microsoft O365 defender. Blacklisting and whitelisting of domain in emails and collaborations, customizing DLP policies on Microsoft O365 compliance center and monitoring the endpoints firewall status, anti-virus status

Experience: Associate Engineer at Citrus Consulting Service: 2022 November– 2023 May

Ticket Handling: As L2 support acknowledging the requests from Clients via ticketing tools (Jira, Service Desk Plus, CSP).

Project Management: Managing and providing technical assistance and support to customers for various AWS services including but not limited to EC2, S3, VPC, TGW, IAM, ELB, Route 53, CloudWatch, Lambda, RDS, Directory Service.

Patching Linux servers deployed on AWS using Automation with services includes Step Function, SSM document and Lambda Function.

Cost Optimization: Configures Automation for Stop and Start of Dev and QAT environment with AWS services Lambda, Step Function, Event bridge and SSM document.

Performance: Optimizing AWS performance through fine tuning configurations, implementing auto scaling mechanisms and optimizing resource allocation

Monitoring and Logging: Configuring Disk, CPU and Memory monitor on AWS CloudWatch third party tools like Zabbix and New Relic. Using these monitors performing log analysis for troubleshooting and performance optimization.

Troubleshooting and debugging: Clearing Disk space alerts by modifying volume and removing unwanted files, Updating the configuration in EC2 and RDS

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Experience: Cloud and Infrastructure Engineer in Indicia Worldwide: 2023 June – Present

Ticket Handling: As L2 support acknowledging the requests within organization via ticketing tools (Jira, Service Desk Plus, CSP).

Project Management: Using AWS Cloud Formation for deploying new AWS infrastructure and modifying existing infrastructure. Writing the Cloud Formation stack file locally and pushing it to the remote using GitHub. We use GitHub to track the version of our environment.

Writing Bash Script to make automation. One of the examples have made a script with help of ChatGPT using AWS CLI commands to list all the instance in our multiple AWS clouds using a centralized NOC server

Creating and Managing Users, Forms, Service Desk Dashboard and Automation tickets in Jira Software and Confluence

Creating Jenkins pipeline to make Automation (Basic Level). Basic knowledge on Snowflake Cloud Data tool (Create user, Delete User and Verify Job History) and creating basic architecture in Matillion ETL Software with connection components like SharePoint, MS Excel etc...

Cost Optimization: Writing Bash Script to make list of unmounted volumes and Instances in stopped stage. And decommissioning it.

Monitoring and Logging: Configuring Disk, CPU and Memory monitor on AWS CloudWatch third party tools like Datadog and PagerDuty. Using these monitors performing log analysis for troubleshooting and performance optimization.

Troubleshooting and debugging: Clearing Disk space alerts by modifying volume and removing unwanted files, Updating the configuration in EC2 and RDS.

EDUCATION:

- Bachelor of Engineering in Electronics and Communication Engineering – Jansons Institute of Technology, Coimbatore. Batch 2020 (6. 78 CGPA)

DECLARATION:

I do hereby declare that the particulars of information and facts stated herein above are true, correct and complete to the best of my knowledge and belief.

S. Logesh