Girish **Luckhun**

CLOUD ENGINEER · DEVOPS ENGINEER

Mahebourg, Mauritius

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Summary

Currently working as a Cloud Engineer at Teamwork where I'm actively expanding my skills and knowledge in AWS. Prior to this, I gained over two years of experience at Linkbynet Ltd, where I started as a Junior Sysadmin and progressed to a Linux System Administrator, focusing on server provisioning and configuration management.

Work Experience

Teamwork
CLOUD ENGINEER

Moka, Mauritius

Febuary 2024 - Present

- Implementation of security policies (MFA, IAM Role, cloudformation)
- Performed a lift-and-shift migration of EC2 instances and Route 53 hosted zones from one AWS account to another. (EC2, AMI, KMS)
- Creation of a QuickSight dashboard to show the number of resources across the AWS Organization. (tech used : S3, AWS GLUE, Athena, Quick-sight)
- Implemented and wrote technical documentation on using patch management to automate the process of patching EC2 servers.
- Implemented AWS Systems Manager Patch Manager to identify and manage patching of EC2 instances.
- Develop and implement technical documentation on how to create EC2 servers and Route53 records using the Service Catalog.
- Use s3 bucket to store Access logs from ALB. Docker to run python script on ec2 and step function to automate this process. (S3 Bucket, AWS GLUE, Athena, Python, Step Function, Docker, EC2, EventBridge)
- Use Cloudformation to deploy application(Fsx ontap Netapp on windows)
- Monitoring cloud services to ensure smooth operation.
- Linux/Windows consultant on private and public cloud for Multi-client.
- L2/L3 support for cloud infrastructure and services.

Rapp
CLOUD ENGINEER

Phoenix, Mauritius

Febuary 2023 - Febuary 2024

- Deployed infrastructure on Azure using Terraform, including provisioning and configuring Azure Functions, Azure Web App services ADF, APIM, Azure Monitoring, and Dashboards
- Created and managed a user-friendly CI/CD pipeline on Azure DevOps, allowing developers to deploy their Node.js applications.
- Containerized a Node.js application using Docker and stored the Dockerfile in Azure Repos.
- Deployed infrastructure on AWS using Terraform.
- Implemented AWS Serverless Application Model (SAM) to deploy Lambda functions.

Lottech LTD
SYSTEM ADMINISTRATOR

Ebene, Mauritius

August. 2022 - January. 2023

- Conducted daily inspections of the data center facility to ensure proper functioning of equipment, infrastructure, and environmental conditions.
- Orchestrated quarterly disaster recovery exercises by initiating the planned shutdown of the main datacenter and seamlessly switching operations to the backup datacenter.
- Conducted post-exercise reviews and gathered feedback to identify areas for improvement and optimize the disaster recovery plan.
- Verified the integrity and availability of backup systems, such as uninterruptible power supplies (UPS), generators, and redundant network connections.
- Developed and implemented Python scripts to automate daily tasks, increasing productivity and efficiency within the team.

Linkbynet
LINUX SYSTEM ADMINISTRATOR

Phoenix, Mauritius

October 2020 - August 2022

- Responding to and resolving assigned tickets in the IT operations ticket queue.
- Monthly customer facing Linux/Windows server administration tasks that include disk space maintenance, security updates, and OS upgrades.
- Utilized Terraform to provision and manage VMs on multiple cloud platforms, including Azure, AWS, and VMware.
- Used Ansible to automate configuration management tasks on Linux servers, ensuring consistent and efficient provisioning, installation, and configuration of software and services.
- Upgrade from McAfee to SentinelOne on Windows and Linux servers, enhancing endpoint protection capabilities and ensuring advanced security measures.
- Developed a Python script for efficient data extraction from APIs and automated data integration into Excel files.
- Provided customer support services.
- Created and managed DNS records on AWS Route 53.
- Created comprehensive technical documentation(SOP), detailing system configurations, processes, procedures, and best practices, to facilitate knowledge sharing and ensure clear and concise information for team members.
- Provided mentorship and guidance to newcomers and interns, offering support, sharing knowledge.

APPLiCATiON ANALYST

Ceridian

- Apply technical knowledge and expertise to provide support services to clients, ensuring delivery of solutions according to agreed schedules and standards
- Communicate effectively to deliver excellent customer service, providing support via email and phone.
- Escalate risks or issues to Team Lead or Lead Engineer as needed to ensure project delivery schedules are met.
- Demonstrate proficiency in computer skills, SQL, SQL Server and software development concepts.
- Meet SLAs (Service Level Agreements) to ensure client satisfaction.

Skills

Operating System	Ubuntu, Arch Linux, Red Hat Linux
DevOps	Docker, Terraform, Ansible, Gitlab
Cloud Provider	AWS, Azure
AWS Services	Ec2, S3, VPC, IAM, Step Function, MediaConvert, Fsx, CloudFormation, Service Catalogue, Route 53, Athena, Lambda, Certifcate Manager, Cost CUR, Quicksight, AWS Elastic Beanstalk, RDS
Azure Services	Azure App Services, Azure Devops, Azure Functions, Azure Pipelines
Scripting	Python, Bash
Languages	English, French, Japanese(beginner level)

Education

UOM(University Of Mauritius)

B.S. in Computer Science and Engineering

Reduit, Mauritius

August. 2016 - June. 2019

Projects

Linux Mirrors

CO-CONTRIBUTOR

Mauritius

March 2023 - 2024

- Co-maintainer of an open source project aimed at improving the Linux mirrors in Mauritius.
- Contributed to setup and maintaining Mirror Servers resulting in 5 distribution mirrors

THE CLOUD RESUME CHALLENGE)

AWS-BASED FULL-STACK SERVERLESS CODING PROJECT FOR CLOUD

Mauritius

June 2023

- Styled my HTML resume with CSS using a pre-built Bootstrap template
- Website front-end is deployed through CloudFront with an S3 origin.
- View counter uses a Lambda function written in Python to update DynamoDB's atomic counter.
- Online Resume : https://resume.girishluckhun.com
- Blog post: https://girishluckhun.netlify.app/technical/2023/05
- You are visitor:

Certificates

2025	**AWS Certified Solutions Architect - Associate,**	Amazon Web Services (AWS)
2023	**AWS Certified Practioner,**	Amazon Web Services (AWS)
2021	**Azure Cloud Fundamentals,**	Azure
2021	**Azure Cloud Administrator,**	Azure