



# MERVIN HEMARAJU

## IT PLATFORM ENGINEER

### ABOUT

An experienced IT Platform Engineer with a demonstrated history of working in the telecommunication's and Cloud industry. Skilled in Cloud computing, server maintenance, automation and scripting development. Develops my own applications and APIs to facilitate my life and for fun. I am always up to learning and building new things. For all my works, please visit my GitHub link found below in the Social section

### PROFESSIONAL SKILLS

AWS Services  
AWS Lambda  
AWS API Gateway  
AWS SSM  
AWS EC2  
AWS Boto3  
Ansible & Terraform  
Python Programming  
Kotlin & Java Programming  
PowerShell  
Git Version Control  
Docker  
JSON / YAML / XML  
Network & Firewall Automation  
Flask API  
NoSQL & MYSQL  
Windows & Linux Server  
Slack & Freshservice Automation  
Spacelift  
Android Development

### PERSONAL SKILLS

Motivated  
Reliable and professional  
Organized  
Fast learner  
Flexible with new technologies  
Always ready to learn more  
Fluent in English & French

### EDUCATION



UNIVERSITY OF TECHNOLOGY - MAURITIUS

Class of 2015

Degree in Computer Science with Network Security



CISCO INC.

Certified 2019

Cisco Certified Network Associate - Routing & Switching



CHECKPOINT SECURITY

Certified 2020

Checkpoint Certified Security Administrator R80



HASHICORP

Certified 2021

Terraform Associate

### EXTRAS



CREATOR & OWNER OF LOCKY

Locky is an Android application, build in native Kotlin code, that i have created. The app is free for use. The repository is public on my GitHub. Locky can be found on the Google Play Store through the link below:  
[https://play.google.com/store/apps/details?id=com.th3pl4gu3.locky\\_offline](https://play.google.com/store/apps/details?id=com.th3pl4gu3.locky_offline)


## CONTACT

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## SOCIAL

 [www.linkedin.com/in/mervinh16](https://www.linkedin.com/in/mervinh16)

 [www.github.com/mervinhemaraju](https://www.github.com/mervinhemaraju)

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## WORK EXPERIENCE (1 OF 2)



CHECKOUT LTD  
Ebene, Mauritius

System Operations Engineer | March 2021 - May 2022

Managed a dedicated AWS cloud environment in the enterprise.

Designed and implemented a Disaster Recovery solution for the enterprise

Designed and implemented an automated Patching Solution for the Enterprise.

Created multiple automated tools for the team to ensure efficient workflow.

Designed and implemented several tasks and processes that were previously being done manually.

Designing and using automation tools and technologies for build and deployment with python, terraform and Spacelift.

Migrated several cloud resources to Infrastructure as a Code

Hands-on experience with various enterprise applications and IT services, as well as Automation Softwares such as Terraform, Python, SDKs, Spacelift, Ansible etc...

Ensure the best user experience with automation tools by using daily productivity software such as Slack and Fresh service integrations with AWS cloud technologies

Engineer 1, IT Platform | May 2022 - Jul 2022

- Worked on multiple projects involving core AWS services such as Lambda and API Gateway

- Managed multiple AWS environments in the enterprise, involving mgmt and production servers

- Created automation tools with multiple technologies such as Slack, AWS services and Freshworks.

Engineer 2, IT Platform | Jul 2022 - Present

- Worked on multiple automation projects using core python programming.

- Designed automation tools for operation excellence.

- Worked on multiple IAC projects involving terraform and Spacelift.

- Designed an automated solution to process leavers in the company.

## WORK EXPERIENCE (2 OF 2)



LINKBYNET INDIAN OCEAN

Phoenix, Mauritius

Network Administrator | October 2019 - January 2021

Network Administrator:

Worked on several firewall technologies such as Checkpoint, Fortinet, Netfilter but mainly Checkpoint

Worked on AWS Cloud technology to manage security groups

Performed several network flow management which was impacting thousands of users around the globe

Performed SSL installation on F5 Load Balancer

Performed SSL installation on HAProxy

Deployed Virtual Servers on F5 Load Balancer.

Worked on Cisco ASA to manage flows for customers.

Deployed a Checkpoint Firewall in High Availability cluster mode from scratch in LAB environment

Deployed several Arista Switches and configured them with VLAN in LAB environments

Built and deployed Python Scripts to improve administrators' workflow, increasing scalability, and optimizing speed

Automated several tasks on Checkpoint Firewall which improved workflow and ticket handling.

Managed Python scripts and Ansible playbooks in production environment to automate complex and time consuming tasks.



ORANGE BUSINESS SERVICES

Ebene, Mauritius

Video Network Specialist | February 2018 - October 2019

Main Role: Worked as a dedicated support for General Electric Company on Cisco Telepresence endpoints. Worked with Core devices such as Cisco Unified Call Manager & Telepresence Management Suite to register endpoints and perform troubleshooting in case of failing devices. Worked with General Electric Network team to troubleshoot issues on the network. Liaised directly with Cisco in need for a return merchandise authorization. Worked with Cisco engineers to troubleshoot issues on failing Telepresence devices.

Side Projects: Designed and coded a C# based Windows Presentation Foundation (WPF) application to help experts with a concise follow up on tickets internally in Orange Business Services. They used to do ticket follow up manually. I advised them with the WPF approach and designed the whole program for them.



PROXIMITY BBDO

Quatre Bornes, Mauritius

Intern | August 2016 - February 2017

Worked on small Java Projects including Java Server Pages | Learned Core Programming in Java | Worked with MongoDB Database to connect to a Java Website | Worked on the front-end team for 3 months | Learned front-end technologies such as Sass, CSS Grids, Jade/Pug. Learned unit testing. Worked with JUnit mostly with JSP Learned TDD unit testing Learned Selenium testing with Java