

Thank you for taking the time to look at my Portfolio.
My name is Liliane Nyamy Konissi.
I am a DevOps Engineer at Data Service Group.

I have 5 years of experience on DevOps side, on Cloud side and on Linux side.
On DevOps side, I have been exposed in tools such of:

- Git for Version Control System;
- Jenkins for Continuous Integration
- Maven for Build
- Junit, PMD, Findbugs for Testing
- Docker for Containerization
- Ansible for Configuration Management
- Kubernetes for Container Orchestration
- Slack for notification
- Prometheus and Grafana, Nagios for monitoring
- Splunk for monitoring and searching through big data
- Jira for issue tracking and project management

When it comes to infrastructure as code, I have experience on tools like Ansible, Terraform.

On Cloud side,

I am familiar with a couple of services on AWS like:

EC2 (Elastic Compute Cloud),
VPC (virtual private cloud) enable to launch AWS resources,
S3 (simple storage service) to store files,
ELB (Elastic load balancing) Distribute incoming traffic across multiple target,
ECR (elastic container registry),
ROUTE 53(Scalable domain name system for networking),
IAM (Identity and Access Management),
AUTOSCALING (scale virtual machines up or down automatically),
RDS(Relational Database Service) for MySQL, Oracle, SQL Server, and MariaDB,
EFS (Elastic File System) provide scalable file storage,
EBS (Elastic Block Store) virtual disk for virtual machine
EKS (Elastic Kubernetes Service)
EASTIC BEANSTALK for deploying and scaling web application

I am also familiar with a couple of services on GCP like:

- Compute engine
- Cloud SDK
- Google Kubernetes Engine
- BigQuery
- CloudShell
- Container Registry
- Cloud Build

On Linux side, I have experience on:

- Inventory of linux machine(top, arch, lsblk, uname -r , cat /proc/cpuinfo, cat /proc/meminfo, cat /etc/*release, free -m, getconf LONG_BIT)
- Troubleshooting slow linux server (kill ,ps, top , iostat....)
- Deploy Lamp stack on Linux server (configuration and troubleshooting)
- Building Load balancer using the haproxy software.
- Bash scripting(setup Wordpress, customize docker image with Dockerfile,)
- Secure the linux server using the CIS benchmark. (sometimes we buy the hardened iso) and use it
- Network Configuration using nmtui(Network Manager Text User Interface)
- Reset Root password

When it comes to operating system , I am familiar with CentOS , Ubuntu, Debian, Windows and RedHat.

I worked on a couple of projects:

Right now , I am working on a prototype for a medical provider. We are going to build some applications for consultation, claims, prescription....with AI capability.

To do that:

We need to collect data automatically from the provider and store in a data warehouse like BigQuery using github and jenkins.

But the data from the provider are txt file, we need to convert in csv file to be readable by BigQuery. I did some research and write a python script in jenkins to convert the txt files before loading data in BigQuery.

To conclude, I am seeking employment with a company where I can grow professionally and personally.