

GEORGES ASANGA

REMOTE ONLY AWS/GCP DEVOPS ENGINEER

PHONE: 713-320-9912

ADDRESS: RICHMOND, TX 77407

EMAIL: moforges@gmail.com

SKILLS

- Cloud Platforms: AWS (EC2, S3, RDS, Lambda, CloudFormation, IAM, etc.), Google Cloud Platform (Compute Engine, Cloud Storage, Kubernetes Engine, Cloud IAM, etc.)
- Containerization: Docker, Kubernetes, Helm
- CI/CD: Jenkins, GitLab CI/CD
- Version Control: Git, GitHub, Bitbucket
- Scripting Languages: Bash, Python, YAML
- Monitoring and Logging: Prometheus, Grafana, CloudWatch, DataDog
- Infrastructure as Code (IaC): Terraform
- Operating Systems: Linux (Ubuntu, CentOS, Amazon Linux), Windows Server
- Virtualization Tools: Oracle Virtual box.
- Open-Source software: Apache, HAProxy, Git,
- Version Control System: Git, Github.
- Databases: RDS, PostgreSQL, MySQL
- Configuration Management Tool/Deployment tool: Ansible.

DevOps Engineer with background designing, testing, and implementing infrastructure and applications. Talented performer with over 6 years of experience using source control tools to identify and fix bugs in code. Experience includes the cloud management AWS/GCP as well as DevOps methodology and Linux systems. Good interpersonal skills, team-working attitude, takes initiatives and very proactive in solving problems and providing solutions. Seeking to leverage my expertise to drive continuous improvement and streamline the software development lifecycle.

EXPERIENCE

Taos/IBM

NOVEMBER
2021 TO
PRESENT

DEVOPS CLOUD ENGINEER

- Implemented and managed AWS and GCP infrastructure using IaC tools like Terraform, ensuring high availability, scalability, and cost-efficiency.
- Designed and maintained CI/CD pipelines to automate the software delivery process, resulting in faster and more reliable deployments.
- Implemented Kubernetes clusters to orchestrate containerized applications and managed container deployments using Docker and Kubernetes.
- Developed and maintained monitoring and alerting solutions using Prometheus and Grafana to proactively identify and address system issues.
- Collaborated with development teams to streamline their workflows and optimize code deployments.
- Building containers and pipelines for updating deploying different images.
- Regularly update Jenkins controller and other infrastructure tools.
- Create Kubernetes agents and replace on-demand Jenkins agents in pipelines.
- Installing file monitoring systems to automatically update and scan the infrastructure for vulnerabilities.
- Creating and modifying Terraform codes, adding environment tags on every commit deployed to its environment.
- Setup Kubernetes clusters in GKE and EKS for deployment in different environments.
- Always document new processes and maintain existing documentation for future references.
- Deploying EC2 using Ansible and Jenkins and creating VMs to host running instances in GCP.
- Build and deployed Datadog monitoring with Terraform.

DATA SERVICE GROUP - Bear, Delaware

OCTOBER
2018 TO
NOVEMBER
2021

REMOTE LINUX/ DEVOPS ENGINEER

- System Hardening: block remote root user, secure SSH connection to the server, uninstalling unwanted services, enforcing SELinux.
- Deploying EC2 using Ansible and Jenkins.
- Setup Load-balancer using HAProxy.
- Diagnosed and resolved operating system, hardware, and software

program problems to root causes.

- Recommended configuration changes and system additions that optimized performance.
- Research client's issues in a timely manner and follow up with the customer with recommendations and action plans.
- Strong knowledge of AWS services like VPC, subnets, Internet Gateways, SSH keys, AWS Access/Secret Keys, Network.
- Configuring and maintaining networking related implementation and system securities using Security Groups, subnets, Internet Gateways, SSH keys, AWS Access/Secret Keys, and different protocols such as SSH, HTTP and HTTPS.
- Management and Implementation of Linux (Centos, Redhat) and Middleware (Apache, PHP, Tomcat).
- Used Cloudwatch and Splunk to monitor Alarms created for high CPU usage, stopped services and low space on volumes.
- Creating Docker images from Centos Linux as per requirement of the product/service and storing those Docker images to the Docker Registry.
- Administering Active directory into IAM roles for the credentials, permissions, and roles of all users.
- Working in ticket-drive workflow environments such as Jira and create new tickets according to monitoring alerts.
- Strong scripting skills; BASH and PowerShell script.
- Participated on call rotation.
- Interested in research and studies for new concepts, techniques, and standards.

UrPharm Inc - Wilmington, Delaware.

*JUNE 2016 TO
JUNE 2018*

CLOUD/DEVOPS ENGINEER

- Experience in installation, configuration, tuning, security, backup, recovery, and upgrades of Linux Systems.
- Implemented a fully automated CI/CD pipeline using Jenkins, AWS, and GCP for a complex web application, reducing deployment time by 80%.
- Set up a comprehensive monitoring and alerting system using Prometheus and Grafana to proactively monitor AWS and GCP resources and improve system reliability.
- Containerized a monolithic application into microservices architecture using Docker and Kubernetes, resulting in better resource utilization and scalability.
- Created and maintained Jenkins jobs that execute shell script.
- Configured, maintained, and administered Linux systems that host build and release engineering apps by constantly monitoring system load and memory consumption.
- Assembly deploys jobs to list the exact configuration of packages with all their dependencies, settings and deploying them to various environments for running tests.
- Responsible for the development and maintenance of processes and associated scripts/tools for automated build, testing, and deployment of the products to various developments.
- Developed automation framework for Application Deployments to the cloud environments.
- Installed and configured MySQL and PostgreSQL database on

Linux servers.

- Initial troubleshooting and resolution of network connectivity issues.

EDUCATION

University of Yaounde1 , Cameroon

June 2009

Bachelor of Science in Computer Science

Computer Science

Houston Community College

IN PROGRESS for Associate in Information Technology

CERTIFICATIONS

**AWS-Certified Solution Architect
Associate**

July 2021

AWS

**Google Cloud Certified - Associate
Cloud Engineer**

June 2023

Google Cloud Platform