

Raphew Karim Issah *DevOps Engineer*

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Professional Summary

- 3 years of experience in IT field.
- Cost Optimization Specialist: Helped companies save thousands by optimizing cloud usage, driving cost-efficiency without compromising performance.
- Infrastructure as a Code Advocate: Mastered the art of codifying infrastructure using Terraform and making deployments.
- Cloud Service Strategist: led organizations to adopt the best cloud services, enhancing overall efficiency and capabilities.
- CICD Pipeline Architect: Designed and implemented robust, scalable CI/CD pipelines that streamline development and deployment processes.
- Strong Communication and Collaboration Abilities with 3 years of team work.

Professional Experience

2022/01 – 2022/01
Accra, Ghana

System Administrator
Jomacs-IT Solutions

- **Enhanced System Performance:** Boosted system performance by **25%** through strategic configuration optimizations and automation scripting, leading to faster application response times and increased user satisfaction.
- **Strengthened Security Posture:** Designed and implemented a comprehensive security framework, including firewall rules, intrusion detection systems, and routine security audits, reducing security incidents by **30%** and ensuring compliance with industry standards.
- **Cloud Infrastructure Migration:** Led the migration of mission-critical servers to a cloud-based infrastructure, achieving a **20% reduction in operational costs** while enhancing scalability, reliability, and disaster recovery capabilities.
- **Automated Deployment Processes:** Streamlined deployment processes by developing and maintaining automated pipelines with **Ansible**, cutting deployment time by **50%** and reducing human error for improved system consistency.
- **Ensured System Availability:** Delivered 24/7 system monitoring and support, resolving critical issues within an average of **30 minutes**, and maintaining an exceptional system uptime of **99.9%**, ensuring high availability for end users.

2023/01 – 2023/12
Accra, Ghana

Site Reliability Engineer (SRE)
Jomacs-IT Solutions

- Developed and optimized automation scripts using Python and Bash, resulting in a 40% reduction in deployment times across multiple environments, enabling faster delivery of critical updates to over 500 end-users.
- Implemented Ansible playbooks for infrastructure management, achieving a 30% decrease in configuration errors while managing over 200 servers, thus improving system reliability and uptime from 95% to 99.9%.
- Streamlined monitoring processes by integrating Puppet for automated resource provisioning, which enhanced operational efficiency by automating tasks previously requiring manual intervention on a daily basis for approximately 150 applications.

- **Proficiency in CI/CD Tools and Practices**Implement CI/CD pipelines using tools such as **Jenkins**, **Github Actions**, reducing deployment time by up to **40%** through automated builds, tests, and deployments. Optimize workflows for rapid and reliable software delivery.
- **Version Control and Collaboration**Leverage version control systems like **Git** to manage code changes and improve collaboration among teams, reducing merge conflicts and integration errors by **30%**. Automate branching strategies and code reviews for efficiency.
- **Automation and Scripting with YAML**Create and maintain automation scripts using YAML for CI/CD pipelines, infrastructure-as-code (IaC), and configuration management. Automate repetitive tasks, reducing manual effort by **50%** while improving consistency and reliability in deployments.

Skills

Languages

- Bash Scripting
- Python
- Terraform (HCL)
- Yaml

Containerization & Orchestration

- Docker
- Kubernetes

Monitoring & Logging

- ELK Stack

Configuration Management & IaC

- Ansible
- Terraform
- AWS CloudFormation

Version Control & CI/CD

- Github
- Jenkins
- Git

Security & Vulnerability Management

- SonarQube

Interests

Professional Interests:

- Life-long Learner
- Technology Training, Mentorship and Leadership
- Cloud and Software Security
- Automation and CICD Advocate