Wassiou

**West Michigan**

# DevOps/ Cloud Computing Engineer Automating CI/CD pipeline 99% accuracy

Database Administrations and Automation, with demonstrating history of working in the computer software industry. Proficient in designing, monitoring, integrating, and developing DevOps tools stack, cloud automation, configuration management, continuous integration, continuous deployment (CI/CD), and system administration. Technical skills in configuration and troubleshooting, Jenkins, Ansible, Kubernetes, Docker, and Bash Shell Scripting with hands-on experience. My professional competency in consultancy spans across DevOps Engineering, Cloud Engineering and Site Reliability Engineering (SRE). An excellent team player, always looking for innovative and efficient solutions.

# Skills

* Platform: Linux (Centos, Ubuntu, Debian, RHEL), and Microsoft Windows
* Cloud Services: IaaS, SaaS, PaaS
* Cloud Computing (platform): AWS, Azure and GCP
* Azure DevOps, Azure multistage CI/CD pipeline: Generate Artifact, Static Code Analysis, PR Deployment, Deploy to Destination Environment
* Web API, Microsoft Access, SQL, Microsoft .Net Development, Microsoft Flow, Microsoft Visual Studio, .Net Programming.
* Hands-on experience with CI/CD integration/deployment tools like GitLab, Jenkins, Groovy, Artifactory.
* Version Control System: Git, GitHub, GitLab
* CI/CD pipeline: Git, Jenkins, Ansible, Kubernetes
* Gitlab CI/CD pipeline
* Containerization: Docker, DockerFiles
* Container orchestration: Kubernetes (K8s)
* Configuration management: Ansible
* Programming language: Bash/Shell Scripting, Yaml language, Groovy Scripts
* Cloud Services: AWS (EC2, ELB, DNS, IAM, RDS, Lambda Function, S3 bucket, Route 53, VPC, DNS, NAT, Internet Gateway, Security Group, Public Subnet, Private Subnet, CloudFormation, CloudWatch, CloudTrail, ECR, ECS, EKS, …etc.)
* Monitoring tools: Splunk to monitor logs, Prometheus and Grafana, CloudWatch, AppInsight. Elastic Search, Logstash, Kibana dashboard, graylogs
* Azure Resource Manager (ARM) templates
* Infrastructure as code: Terraform, Ansible (Yaml file)
* Virtualization: VirtualBox, VMWare
* AWS Security Group to set Up firewalls for inbound and outbound rules (SSH, RDP).
* MS SQL Server Administration/ NoSQL

# Professional Experience

**Freelancer DevOps/Cloud Computing Engineer July 2024 – Present**

Deploying innovative and optimal IT solutions for clients in response to their varying business needs.

* + Managing ticketing queue for both critical and warning alerts with JIRA and ClickUp.
	+ Create and maintain Cloud Infrastructure (AWS & Azure)
	+ Designed automated efficient CI/CD pipelines
	+ Led continued process improvements for system scalability and reliability
	+ Used automation tools to optimize deployment, monitoring, and operations
	+ Troubleshooting applications, deployments, and infrastructure issues
* Identifying and solving/troubleshooting client’s enterprise technical issues.

**Dow,** Midland, MI **May 2023 – June 2024**

**DevOps Engineer/Associate Solution Manager (Contract)** 2023 to 2024

Drove the strategic direction of the Company's High-Performance Computing Environment.

* + Interfaced with different customers to understand their upcoming computational needs, executing annual capital projects to deliver required capabilities.
	+ Expert in Azure DevOps, Azure multistage CI/CD pipeline: Generate Artifact, Static Code Analysis, PR Deployment, Deploy to Destination Environment
	+ Sound work experience in DevOps on Amazon Web Service, Microsoft Azure Cloud.
	+ Use Infrastructure as Code (IaC) Terraform to deploy Azure ARM Templates.
	+ Proficient in Cloud Computing and Administration, Virtualization, Continuous integration, and continuous delivery using Jenkins, Maven, Tomcat, Docker, Ansible and Kubernetes.
	+ Created and maintained a fully automated CI/CD pipeline for code deployment using Git, Jenkins, Maven, Ansible, and Kubernetes.
	+ Responsible for setting up test methodology according to company standards (Checkmarx, SonarQube).
	+ Experience writing bash scripts to automate tasks when needed.
	+ Solid experience understanding, building, and maintaining Docker containers for application deployment.
	+ Experience in working on DevOps/Agile operations process and tool area (Code review, unit test, automation, Build & Release automation, Environment, Service, Incident and Change Management

**Iris Technology Inc,** Grand Rapids, MI **February 2022 to April 2023 DevOps Engineer** 2022 to 2023

Collaborated with the Development and QA (Operation) team to plan future implementations using SDLC (Design, Implement, Testing, Deployment, Monitor) on agile-based projects.

* + Senior level experience in implementing Continuous integration and Continuous delivery from end to end.
	+ Expert in Azure DevOps, Azure multistage CI/CD pipeline: Generate Artifact, Static Code Analysis, PR Deployment, Deploy to Destination Environment
	+ Experience with deploying configuration management CI/CD services such as (Jenkins, Ansible, Vagrant, Docker, Jira, Cloud Formations and Elastic Beanstalk
	+ Created and maintained a fully automated CI/CD pipeline for code deployment using Git, Jenkins, Maven, Ansible, and Kubernetes.
	+ Responsible for setting up test methodology according to company standards (SonarQube).
	+ Experience writing bash scripts to automate tasks when needed.
	+ Solid experience understanding, building, and maintaining Docker containers for application deployment.
	+ Experience using Microsoft Azure cloud to build a CI/CD pipeline for web deployment.
	+ Sound Experience of Kubernetes/Docker/ECS/EKS

**Data Service Group**, Bear, Delawar **March 2017 to January 2022**

## DevOps Engineer 2017 to 2022

Responsible for creating and automating software deployment strategies for a successful deployment in the work environment (Dev, QA, and Production). Where I implemented end-to-end Continuous Integration and Continuous Delivery (CI/CD) pipelines using Git, Tomcat, Jenkins, Docker, OpenShift, EKS, Kubernetes pipeline or Gitlab pipeline, or AWS pipeline or Azure multistage pipelines (ARM template

* + Diagnosed, troubleshooted, and resolved hardware, software, or other network and system problems.
	+ Proficient in Azure DevOps, Azure multistage CI/CD pipeline: Generate Artifact, Static Code Analysis, PR Deployment, Deploy to Destination Environment
	+ Responsible for installing, configuring, and maintaining Linux servers (Centos, Ubuntu, RedHat, and Debian).
	+ Worked and managed assigned tickets until resolved.
	+ Administration support by creating and maintaining user accounts and solving any problems with the Linux server.
	+ Experience installing and configuring Linux servers (Centos, Ubuntu, RedHat, and Debian) and Windows.
	+ Experience working in a Dev environment, making modifications to the code using Git.
	+ Experience using APACHE web server and Tomcat on Linux platforms, troubleshooting, and accessing log files for errors.
	+ Performed installation, configuration, monitoring, and troubleshooting of the LAMP stack.
	+ Created and maintained a fully automated CI/CD pipeline for code deployment using Git, GitHub, and Jenkins pipeline.
	+ Created documentation resources to aid in future troubleshooting issues, assisting customers in designing solutions for current and future business problems.

# Additional Relevant Experience

**Moov Africa Togo** – **Junior Linux System Administrator** (2013 to 2017)

* + Installed, configured, and maintained Linux Server for the internal Development and QA team.
	+ Diagnosed, troubleshooted, and resolved hardware, software/network, and system problems.
	+ Worked and managed assigned tickets until resolved.
	+ Administration support by creating and maintaining user accounts and solving any problems with Linux and Window servers.

# Education

**Bachelor of Science in Engineering,** TEMPLE UNIVERSITY, Philadelphia, Pennsylvania

* + Major: Civil Engineering
	+ Minor: Information Technology
	+ Degree honor: magna cum laude
	+ Overall GPA: 3.70

## AWS Solution Architect Certification - 2020

* + **Kubernetes Administrator (CKA) Certification - 2022**

**Languages:** Fluent in English and French