# IDEMUDIA FRED IREKPONOR

CLOUD & DEVOPS ENGINEER | AWS | AZURE | TERRAFORM | JENKINS | KUBERNETES | CI/CD

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## PROFILE SUMMARY

I am a Cloud and DevOps Engineer with practical experience in AWS, Azure, Terraform, Jenkins, Kubernetes, Docker, and CI/CD pipelines. I focus on building, deploying, and automating scalable cloud infrastructure using proven industry practices. My background includes Infrastructure as Code, containerization, and monitoring. I have delivered real-world projects, set up CI/CD workflows, and built secure, reliable solutions. I am Focused on automation and continuous improvement to drive efficiency and scalability, and I am currently enhancing my skills through DevOps projects and certifications.

## AREA OF EXPERTISE

- Cloud Platforms: AWS, Azure
- Infrastructure as Code (IaC): Terraform, Ansible
- Container Orchestration: Kubernetes, Docker
- CI/CD Pipelines Automation: Jenkins, GitHub Actions
- Scripting: Go, Bash.
- Networking: TCP/IP, VPN, Load Balancing.
- Cloud Security: Encryption, IAM, Security Best Practices
- Troubleshooting & Problem-Solving
- Monitoring and Logging: Prometheus, Grafana, Alert Manager, AWS CloudWatch
- Version Control: Git
- Technical Documentation and Reporting

## WORK EXPERIENCE

### IT ADMINISTRATOR
**Afritia LLC, Remote (Contract)**                                        **June 2025 – September 2025**
- Managed and maintained the company's network infrastructure, including routers, switches, firewalls, and VPNs, ensuring 99.9% network uptime and minimizing downtime.
- Collaborated with cross-functional teams to document IT processes and introduce automation tools that streamlined daily operations.
- Monitored system performance and applied updates/patches to maintain reliability and reduce downtime.

### DEVOPS INTERN | CLOUD & DEVOPS ENGINEER
**Hagital Consulting Limited, Lagos**                                        **September 2024 – June 2025**
- Designed and deployed cloud infrastructure on **AWS and Azure** using Terraform Infrastructure as Code.
- Built and automated **CI/CD pipelines** with Jenkins and GitHub Actions for deployment.
- Containerized applications with **Docker** and managed orchestration with **Kubernetes**.
- Configured monitoring with **Prometheus, Grafana, and AWS CloudWatch** to track system health.
- Delivered over **15 hands-on projects**, that simulated real-world DevOps workflows focused on scalability, security, and reliability.
- Automated routine server setup and configuration tasks using Ansible, reducing manual intervention.
- Created detailed technical documentation and project reports to support knowledge sharing and onboarding.

**SALES & CLIENT RELATIONS ASSOCIATE**
**Hafla Motors, Lagos State**                                    **March 2021 – September 2024**
- Assisted over 60 clients in evaluating and test-driving vehicles, achieving a **20% increase in conversion from test-drive to purchase**. Thereby ensuring a smooth and professional customer experience.
- Coordinated with upgrade specialists (infotainment, CarPlay, and electrical) to deliver **over 15 customized vehicle enhancements**, boosting client satisfaction.
- Maintained ongoing client relationships through consistent after-sales support, resulting in **repeat business and referrals accounting for 15% of monthly sales**.
- Supported operational efficiency by documenting client requirements and following up on service delivery, reducing post-purchase complaints by **over 25%.**

**CO-FOUNDER & CEO**
**TTF Signature Limited, Lagos**                                    **February 2016 – March 2021**
- Co-founded and managed a photography and creative services company, overseeing daily operations, client acquisition, and project delivery.
- Built strong relationships with individual and corporate clients, delivering high-quality photography and media solutions.
- Directed business strategy, budgeting, and marketing initiatives, achieving steady revenue growth up until the COVID-19 pandemic.
- Led a small team of photographers and creatives, ensuring timely and professional service delivery on **over 70 client projects**

**TECHNICAL SUPPORT ASSISTANT**
**Freeno Engineering Co, Lagos**                                    **February 2006 – December 2010**
- Performed Basic air conditioning maintenance for over 85 residential and commercial clients, ensuring a 15% reduction in repeat service calls.
- Cleaned filters and serviced units, improving equipment efficiency and extending operational life by an average of **6–12 months**.
- Maintained accurate daily tool and equipment logs, reducing lost equipment incidents by **over 90%**.
- Developed early skills in responsibility, technical troubleshooting, and teamwork.
- Supported senior engineers on-site, contributing to the successful completion of **50+ technical service projects**.

## EDUCATION

Bachelor of Science (B.Sc.), Political Science
**University of Ibadan -2015**

## TECHNICAL SKILLS

- Continuous Integration and Continuous Delivery (CI/CD)
- Infrastructure as Code (Terraform)
- Container Orchestration (Kubernetes, Docker)
- GitHub Actions
- Linux
- Networking
- Cloud Computing (AWS, Azure)
- Cloud Security
- System Administration

## KEY PROJECTS

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- **CloudNorth Final Project| AWS, Terraform, Jenkins, Docker, Kubernetes (EKS), Prometheus, Grafana**
  Built a multi-stack cloud-native app with Nginx frontend and Go backend.
  Provisioned Infrastructure with Terraform IaC
  Automated deployments with Jenkins CI/CD pipelines.
  Monitored workloads with Cloud Watch, Prometheus, and Grafana.
  Deployed Web App with Blue/Green Deployments.


- **Scalable Web Infrastructure with Terraform & AWS**
  Provisioned EC2 with Auto Scaling Groups and Application Load Balancer.
  Automated NGINX installation using Ubuntu Linux user data.
  Managed remote Terraform state with Terraform Cloud.


- **Go Car Hire App with Jenkins CI/CD**
  Developed a Go-based web app with booking features.
  Set up Jenkins pipelines for build, test, and deploy stages.
  Integrated GitHub repository for version control and automation.


- **Azure WebApp Monitoring & Alerts with Terraform IaC**
  Deployed Azure WebApp, App Service Plan, and Application Insights.
  Configured alert rules and Action Groups via Terraform.
  Validated monitoring through simulated downtime and metric alerts.


- **Ansible Automation Project**
  Created Ansible inventory and playbooks to automate server setup.
  Deployed NGINX on remote hosts using Ansible roles.
  Enabled passwordless SSH communication between Control and Work Hosts.