WAFO Aristide

Looking for a Cloud/DevOps Eng or FDE role

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Cloud & DevOps Engineer with 2 years deploying and troubleshooting production infrastructure across Azure and AWS, translating ambiguous technical problems into working solutions for cross-functional and business stakeholders. AWS Certified Solutions Architect and Terraform Associate.

TECHNICAL SKILLS

- **Cloud Platforms:** AWS (Certified), Azure
- **Infrastructure & Automation**: Terraform, Ansible
- **Containers & Orchestration**: Docker, Kubernetes, OpenShift, Helm
- **CI/CD & DevOps:** GitHub Actions, Jenkins , Elastic Stack, OpenTelemetry
- **Programming:** Python, Go, Java, Bash

PROFESSIONAL EXPERIENCE

Societe Generale: *Observability Engineer* Jul 2025 – Present

- **Built an AI-powered SRE** agent using Model Context Protocol (MCP), Ollama (Qwen3), and FastAPI to investigate production alerts, correlate metrics, logs, and traces, and surface root-cause hypotheses and remediation suggestions for on-call engineers, reducing MTTR and **cutting false-positive**
- Designed and deployed observability solution on Azure Kubernetes Service supporting **50+ production microservices** for critical banking applications, collaborating with product and platform teams to define technical requirements and SLI/SLO frameworks, reducing Mean Time To Detect by **40%**
- Architected hybrid cloud infrastructure across Azure and on-premise environments using Terraform and Ansible, implementing Cross-Cluster Search federation to enable unified observability and improving infrastructure reliability through automated health checks and RBAC policies
- Collaborated with cross-functional stakeholders to translate business needs into technical monitoring solutions, implementing automated deployment pipelines for observability components and establishing best practices documentation

Moabi Voyages TMC: *DevOps Engineer (Freelance*) May 2025 – January 2026

- **Designed and implemented an event-driven serverless architecture on AWS** processing **1,000+ daily flight quotes**, orchestrating 3 microservices on ECS Fargate with SQS FIFO queues and SNS topics, enabling asynchronous processing and independent horizontal scalability.
- **Automated AWS infrastructure provisioning with Terraform** across 7 reusable modules covering ECR, ECS, S3, SQS, SNS, and SES, reducing infrastructure deployment time from manual provisioning to approximately **8 minutes** and improving consistency through Infrastructure as Code.
- **Built multi-stage CI/CD pipelines with GitHub Actions** for 4 services, automating Docker builds, application and IaC security scanning with Bandit and Checkov, and ECS deployments with health checks, reducing manual intervention and deployment errors.
- **Authored 7 Architecture Decision Records (ADRs)** documenting technical trade-offs including Event-Driven Architecture vs. API-based communication, ECS Fargate vs. Lambda, and ECR vs. Docker Hub, establishing a traceable and standardized approach to architectural decision-making.

Solidarity world: *DevOps & Solutions Engineer (Freelance)* May 2025 – September 2025

- **Architected and deployed a full-stack time-tracking platform** using Go microservices with Gin, PostgreSQL, and an Angular SPA, containerized with Docker and exposed through an Nginx reverse proxy with SSL termination.
- **Accelerated deployment cycles by 75%** by implementing CI/CD pipeline with GitHub Actions, automated testing, CodeQL security scanning, and semantic versioning with auto-generated changelogs
- **Streamlined production deployments** using Docker multi-stage builds and GitHub Container Registry, enabling reproducible container images and faster delivery of customer-driven features.

EDUCATION

EPITECH Paris – MSc Cloud Architect 2025-2027

UTT x Saint Jean Ingenieur – Engineer Degree 2020-2025

KEY PROJECTS

Automated DNS Failover [On Github]

Built a Go-based DNS failover daemon using the Cloudflare API to automatically switch DNS records between primary and secondary endpoints based on configurable health checks, Implemented automatic recovery, multi-record monitoring, Discord alerting, and dry-run mode for safe failover testing.

VPS-Secure --Automated VPS Security Hardening [On Github]

Built an **Ansible-based security automation tool** for Ubuntu VPS servers, providing SSH hardening, UFW firewall configuration, and Fail2ban protection through a dedicated CLI. Implemented **read-only security audits, dry-run execution, explicit confirmation, and automatic SSH configuration rollback** to reduce the risk of locking administrators out during hardening operations.

My latest technical contribution : *Securing AWS Infrastructure with Bastion Hosts and Terraform*, *DORA Metrics: The Scientific Approach to Measuring DevOps Performance*

CERTIFICATIONS & ACHIEVEMENTS

- AWS Certified Solutions Architect – Associate (SAA-C03)
- AWS Developer– Associate (CV-C02)
- HashiCorp Certified: Terraform Associate (003)
- Thales Battle Dev 2025 (Winner), Élysée DataLab Hackathon (Finalist), **AWS User Group Speaker**

LANGUAGES

- **Languages:** French (Native), English (B2)