KOMLAN R. AMEGADJIN

Solution Architect & Engineering Leader · Regulated Fintech & Banking Platforms

Abidjan, Côte d'Ivoire · +225 (0)702 876482 · raymond.amegadjin@gmail.com · linkedin.com/in/komlame

PROFESSIONAL EXPERIENCE

Independent Consultant, Enterprise Architecture & Technology Leadership

Self-employed Oct 2026 – present · Abidjan (hybrid)

Services for banks, insurers, fintechs and IT firms in the UEMOA region.

- **Fractional CTO:** technology direction, architecture board and delivery governance a few days a month
- **Target architecture and roadmap** for payment and KYC/AML platforms under BCEAO rules
- **DevSecOps, SLO and cloud-cost reviews** (GCP, Azure)
- **GenAI use-case framing** with BCEAO and GDPR guardrails
- **Technical sections of tenders** and engineering-team structuring (pods, career levels, hiring)

Engineering Manager & Solution Architect

Box Africa Mar 2024 – Sept 2026 · Abidjan

Multi-client technology partner for banks, insurers, telecoms and public bodies: 20 engineers, 8 service lines.

Leadership, clients & governance

- **Counterpart to client CEOs, CIOs and CTOs** in steering committees on a ~188 M XOF (≈ €0.29 M) service portfolio with a Tier-1 bank
- **3 of 4 decided tenders won** in 18 months (~139 M XOF), from 5 submitted
- **20 engineers in pods** with tech leads and pod leads; career frameworks by level; 18 hires; onboarding 30% faster
- **Investment arbitrage across 8 service lines** on full team cost, DSO and burn rate; go/no-go recorded in ADRs
- **51.7 M XOF of uncovered exposure** found and regularised through a commitment control built with the Finance Partner
- **Stalled $100K deployment delivered in 3 weeks** by aligning delivery, product and security teams without line authority

KYC/AML & compliance platforms

- **Tier-1 bank:** core banking integrated with a compliance system; risk scoring v1 in production; KYC/AML dashboard co-piloted
- **OCR identity-document checks** at several banks and insurers: 20 to 40% less manual review

Architecture, security & resilience

- **Service authentication hardened** (Keycloak, OAuth 2.0/OIDC, mTLS) under BCEAO/CENTIF; container scanning moved to two vendors after a supply-chain compromise
- **SLOs and error budgets** in observability; failover, backup and RTO/RPO targets designed
- **Architecture Review Board chaired:** written guidelines for the digital banking and payment lines, decisions kept as ADRs

Lead Data & DevOps Engineer

Box Africa Sept 2023 – Feb 2024 · Abidjan

- **Tier-1 Ivorian bank:** digital onboarding and loan-submission system stabilised and run in production; CI/CD and SDLC set up
- **40% fewer recurring production incidents** through observability and runbooks
- **DevSecOps pipeline** for a telecom operator's digital factory: 30% fewer vulnerabilities; Kubernetes training for partner teams

PROFILE

Solution architect and engineering leader. 15 years building and running data, identity and cloud platforms for Tier-1 banks, insurers and public bodies in West Africa and France.

Known for KYC/AML platforms under BCEAO rules, cheaper payment architecture at the same availability, and teams run on written decisions, SLOs and delegation.

Based in Abidjan. Open to senior architecture and engineering-leadership roles, and to project work. English and French.

SELECTED RESULTS

–40% infrastructure cost, 99.95% SLA kept

3 of 4 decided tenders won (~139 M XOF)

20 to 40% less manual KYC review (OCR)

~188 M XOF portfolio, 8 service lines

20 engineers led, 18 hires

CORE SKILLS

Architecture
Solution design · ADRs · Review boards · Roadmaps

KYC/AML & compliance
KYC/AML · Risk scoring · OCR · BCEAO / CENTIF · GDPR

Security & resilience
Keycloak · OAuth 2.0 / OIDC · mTLS · SLO · RTO / RPO

Platforms & data
Kubernetes · Helm · GitLab CI/CD · Prometheus / Grafana · Talend · SQL Server · GCP · Azure

AI
GenAI / RAG · AI governance · Claude · Microsoft 365 Copilot

Leadership & governance
Delegation · Career frameworks · P&L · FinOps · ScrumBan · ITIL 4

LANGUAGES

English (C2) ●●●●●

French ●●●●●

EDUCATION

BSc (Hons) – Computing and its Practices
The Open University (UK) · 2006 – 2010

CERTIFICATIONS

TOGAF 10 EA Foundation · in preparation
AI & Agent Engineering Bootcamp · Maven · 2026
ITIL v4 · Axelos · 2023
Management 3.0 · Manpower Skills · 2023
DevOps Foundation · DevOps Institute · 2022

Data & Software Engineer, then DevOps Engineer

Rectorat – Académie de Toulouse Nov 2015 – Aug 2023 · Toulouse

- **Product Owner for a team of 4;** the local application became a national solution
- **+20% inter-agency API interoperability;** Talend integrations; deployments cut from weeks to days; GDPR Article 32 audits

Data Analyst

Arrays Consulting 2014 – 2015 · Kigali

- Talend marketing-data pipelines; SQL queries 25% faster; automated KPI reports

Data Engineer & Tech Lead

Explainer DC May 2010 – June 2014 · Accra

- SQL Server DBA, then Tech Lead of 5 from 2012: ETL and data flows up to 12 GB/h for West African clients; SQL performance +50%

SELECTED PROJECTS

GenAI transformation strategy

Pan-African insurer

- **20 generative-AI use cases** across 4 pillars, ranked by impact and effort, with a 3-phase roadmap and AI governance safeguards
- **Presented to the Group committee** and carried from framing into pilot delivery

National Software Factory

Public digital agency, tender won

- **Cloud-native governance documentation** and benchmark study written for the bid

Sovereign KYC risk and archiving platform

Several bank clients

- **Deployed on-premise** with identity data kept in-country for BCEAO; archival option chosen against alternatives and recorded in an ADR

Payment gateway rebuild

Pan-African insurer

- **40% lower infrastructure cost** at a maintained 99.95% SLA

REFERENCES

Available on request.