

Kenneth Tafadzwa Zendera

Solutions Architect & DevOps Engineer · ISO 42001/27001/27701 Lead Auditor · Builder of ComplyAgent

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Summary

Six years across SOC engineering, cloud automation, and solutions architecture. Design, build, and operate AWS infrastructure — landing zones, multi-account Terraform, CI/CD pipelines, security baselines — and the platforms that run on it: payment orchestration, real-time commerce, serverless AI. Also an ISO 42001/27001/27701 Lead Auditor: implement EU AI Act, NIST AI RMF, and ISO governance programmes — and build the tooling that proves compliance, currently shipping ComplyAgent, an open-source platform for EU AI Act audit-ready evidence collection.

Available for

- Remote solutions architecture & DevOps engineering roles
- EU AI Act readiness assessments & control mapping for SaaS companies deploying AI in the EU
- Fractional CISO engagements (3–6 months) for Series A–C startups
- Cloud security architecture — AWS multi-account design, Terraform modules, baseline implementation
- AI governance programme design — ISO 42001 implementation, NIST AI RMF alignment, vendor risk assessment

Selected projects

panafican-payments (case study — private build)	Multi-provider payment orchestration API for African rails — double-entry ledger, routing/split/payout engine, reconciliation, idempotency middleware, TypeScript SDK
aws-scanner (case study — private build)	Multi-account AWS audit platform — 10 security/cost/optimization scans via cross-account IAM roles, CloudFormation, async FastAPI + React
multichannel-ai-assistant (case study — private build)	Serverless chat + voice conversational AI on Lambda, Amazon Connect, Bedrock — fully Terraform-deployed and verified live
cross-account-aws-toolbox (case study — private build)	100+ production operational scripts for multi-client AWS Organizations — security baselines, control governance, audits, migrations, cost reporting; dry-run-first with STS assume-role fan-out
org-cost-reporting (case study — private build)	Monthly multi-account AWS cost reporting from the payer — Cost Explorer direct, org auto-discovery, tag-based account inclusion, six-month trends
gitlab-502-postmortem (case study — private build)	Root-caused and hardened self-managed GitLab in Docker after a cron log-rotation race SIGKilled Postgres mid-checkpoint
complyagent (github.com/kentaz/complyagent)	EU AI Act audit-ready evidence collection for AI agent deployments — signed audit trails, OPA policy evaluation, PDF reports
ai-governance-toolkit (github.com/kentaz/ai-governance-toolkit)	Practitioner templates for EU AI Act risk classification, ISO 42001 audit, NIST AI RMF, incident response, vendor assessment
terraform-aws-security-baseline	Reusable module enabling Security Hub, GuardDuty, Config, CloudTrail+KMS, IAM Access Analyzer — ISO 27001 aligned
terraform-aws-bedrock-governance	Private VPC-endpointed Bedrock with Guardrails and CloudWatch monitoring — resources annotated to ISO 42001 controls
aws-cwagent-deployer	Self-healing CloudWatch Agent deployment via SSM State Manager with ASG-dimensioned alarms
aws-cost-auditor	Read-only cross-account cost reporting with MoM variance flagging and EC2 rightsizing — CloudShell-native

Experience

Solutions Architect (current)

Cloud architecture and AI governance delivery across two AWS Organizations — multi-account landing zones with Control Tower and IAM Identity Center, production Terraform, security baselines, and ISO 27001 / 42001 control implementation. Led GCP → AWS workload migrations, RDS Blue/Green upgrades, IAM → IAM Identity Center transitions, and S3 + CloudFront OAC cutovers.

AWS Automation Engineer (previous)

Built the cross-account automation that ran the platform — Bash and Python tooling for CloudWatch alarm management, cost and quota auditing, Security Hub remediation, and account provisioning. Self-healing deployments via SSM State Manager, with ASG-dimensioned alarms that survive instance replacement.

Certifications

- AWS Solutions Architect — Professional (2025)
- AWS Solutions Architect — Associate (2023)
- OCI 2025 Multicloud Architect Professional (2025)
- ISO/IEC 42001:2023 Lead Auditor — Mastermind (2025)
- ISO/IEC 27701:2025 Lead Auditor — Mastermind (2026)
- AWS Security — Specialty (2024)
- AWS SysOps Administrator — Associate (2023)
- ISC2 Certified in Cybersecurity (2024)
- ISO/IEC 27001:2022 Lead Auditor — Mastermind (2025)
- Fellow of Management Systems Auditing (2026)

Tech stack

Cloud: AWS (Control Tower, Organizations, IAM Identity Center, EC2, ECS, EKS, RDS, Lambda, CloudFront, Bedrock, VPC, Security Hub, GuardDuty, Config, CloudWatch), Azure, Oracle Cloud **IaC & CI/CD:** Terraform, CloudFormation, GitLab CI, GitHub Actions, TFSec, Checkov **Automation:** Bash, Python, AWS CLI, SSM **Containers:** Docker, Kubernetes (EKS) **Governance:** EU AI Act, NIST AI RMF, ISO 42001, ISO 27001, ISO 27701, CIS Benchmarks

Education

Bachelor of Technology, International Marketing — Chinhoyi University of Technology, Zimbabwe