

Johann Korf

Architecture that turns complexity into momentum.

**25+ YEARS**

Engineer → Architect → Advisor

I design production AI and cloud solutions for large organisations—and bring the same hands-on architecture discipline to teams that need senior capability on demand.

25+ years shaping technology**9** industry sectors**60%** call-centre workload target**2/3** cost-reduction target

CURRENT BUILD / 2026—NOW

Enterprise AI, from business case to production

At Old Mutual Corporate, I design text and voice agents for WhatsApp and call-centre service. The work connects TCO and ROI to AWS architecture, governance, engineering and deployment—with control patterns designed in from the start.

AWS BEDROCK

RAG

MCP

LIVEKIT

NOVA SONIC

HITL

SELECTED IMPACT

01

Payments that must not fail

Owned the architecture for Card-Not-Present and QR payment products at Capitec—aligning delivery, operational readiness, observability, capacity and cost.

KUBERNETES · TERRAFORM · .NET · JAVA

02

A cloud migration built to operate

Moved Computicket's microservices estate from on-premises to AWS while establishing CI/CD, HA/DR, monitoring, runbooks and operational handover.

AWS · ISTIO · KAFKA · PROMETHEUS

03

Identity systems at national scale

Designed the first commercial multi-modal ABIS combining fingerprint, iris and facial recognition, supporting identity programmes across Africa.

JAVA/JEE · SOA · LINUX · PRIVATE CLOUD

BUILT ACROSS THE FULL STACK

AI — Bedrock · Claude · Nova · RAG · MCP · Ollama · PyTorch/LoRA**PLATFORM** — AWS · Azure · Kubernetes · Terraform · Docker · Istio**DELIVERY** — Java · .NET · Python · CI/CD · Observability · Security**Bring me the problem that keeps resurfacing.**

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