



CALVIN KIPROTICH BOSHAL

Lead Solutions Architect | Multi-Cloud & AI Strategy

Bridging Frontier Tech & Executive Decision-Making | Cloud & AI Advisory for Business & Policy Leaders

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SUMMARY

I bridge the gap between frontier technology and real-world business impact. My mission is to translate complex Cloud & AI Infrastructure into clear business outcomes, risk mitigation, and scalable ROI for C-suite executives. From engineering ultra-low latency topologies and massive legacy-to-cloud data migrations to developing custom Python-based AI Governance engines, I validate frontier tech in the lab before driving safe, highly profitable enterprise adoption.

KEY ACHIEVEMENTS

Strategic Translation &

ARR:

With GCP being the latest entrant into our cloud partner portfolio, I've built and scaled a high-margin

Liquid Intelligent Technologies

Lead Solutions Architect

08.2024 - Present

- **Multi-Cloud Architecture:** Expert-level architectural design across **Azure, AWS, and GCP**.
- **Strategic Authority & ARR:** Built and scaled a highly profitable Cloud FinOps and GCP practice from the ground up, serving as the sole architectural authority to generate an estimated \$900,000 ARR while ruthlessly reshaping infrastructure to slash multi-cloud expenditure (GCP, Azure, AWS) by 30%.
- **Enterprise GenAI Ecosystems:** Architected a secure Gemini AI solution utilizing custom connectors to integrate Google's frontier models with legacy platforms (Oracle, Sage, Microsoft 365), enforcing strict identity governance via Google Cloud Directory Sync (GCDS) and Hybrid AD/Entra ID frameworks.
- **AI Infrastructure Modernization:** Spearheaded an aggressive on-premises to GCP GenAI migration, re-platforming legacy chatbot systems onto Google Kubernetes Engine (GKE) and serverless Cloud Functions, powered by Vertex AI.
- **Big Data & AI Pipelines:** Orchestrated massive legacy-to-cloud data transformations, engineering high-throughput replication pipelines to move on-premises Cloudera "Gold Data" into Azure Data Lake Storage (ADLS) to unlock advanced Cloudera AI modeling.
- **High-Availability Networking:** Engineered advanced ExpressRoute traffic architectures, optimizing complex global topologies to guarantee ultra-low latency for mission-critical enterprise workloads.
- **Automation & Delivery:** Accelerated enterprise project delivery by 25% through the rigorous implementation of Infrastructure as Code (IaC) using Terraform, alongside custom Python automation scripts for disaster recovery operations.
- **Reverse Engineering & Cost Optimization:** Analyzed and reshaped complex cloud infrastructures, implementing advanced FinOps techniques to reduce costs by **30%** across multi-cloud environments, acting as a "trusted advisor" for enterprise-level optimizations.
- **Instituted and directed** an elite architectural masterclass program, delivering weekly technical and strategic training on Multi-Cloud topologies and Applied AI to upskill associate engineers and accelerate enterprise delivery capabilities.

Liquid Intelligent Technologies

Cloud Solutions Architect

07.2021 - 01.2024

- **Architected** elite private connectivity pipelines integrating Azure ExpressRoute, AWS Direct Connect, and Google Interconnect, driving over \$360,000 ARR in a single financial year.
- **Developed** and deployed highly resilient Azure Kubernetes Service (AKS) solutions, securing \$60,000 ARR for top-tier regional banking institutions.

GCP practice, serving as the sole architectural authority to generate an estimated \$900,000 ARR.

Cloud FinOps

Developed a Python-based AI Governance Engine (#ProjectFrugally) to ingest cloud metrics for automated, ruthless cost optimization.

GenAI:

Designing and deploying AI Platforms

SKILLS

- Multi-Cloud Architecture
- Leadership and Strategy
- Cloud Governance
- Python

CERTIFICATION

- Azure Cloud Solutions Architect
- GCP Professional Architect
- GCP Professional Cloud Database Engineer
- GCP Professional Agentic Architect (Pending)
- Cloudflare Architect

INTERESTS

- AI Ops
- Cloud Governance

- **Spearheaded** cloud migration roadmaps for legacy environments, creating a new sales channel for end-of-life databases that generated a \$500,000 ARR pipeline and directly closed a \$144,000 Azure migration opportunity.
- **Directed** massive legacy-to-cloud data transformations, leading complex On-prem-to-GCP migrations to modernize databases.
- **Designed** Hybrid AD/Entra ID frameworks that secured complex, globally distributed conglomerate environments, ensuring strict enterprise governance and data security.
- **Hybrid Cloud Leadership:** Deep experience in **Azure Stack** and **On-Premise-to-Cloud** integration for high-security environments with data residency constraints.

Liquid Intelligent Technologies

Lead Cloud Engineer

07.2019 - 07.2021

- **Led** enterprise-grade ERP modernizations, executing massive legacy migrations (SAP HANA, SAGE, Dynamics NAV) to Azure, securing approximately \$300,000 ARR.
- **Engineered** highly compliant Azure Stack solutions tailored for strict data residency requirements, onboarding over 20 enterprise clients and generating an estimated \$240,000 ARR.
- **Executed** ruthless cost optimization audits, dissecting cloud platforms to save major retail and engineering clients a combined \$158,000 ARR via advanced FinOps techniques.
- **Developed** and deployed highly resilient Azure Kubernetes Service (AKS) solutions, securing \$60,000 ARR for top-tier regional banking institutions.
- **Spearheaded** cloud migration roadmaps for legacy environments, creating a new sales channel for end-of-life databases that generated a \$500,000 ARR pipeline and directly closed a \$144,000 Azure migration opportunity.
- Participated in Advanced Specialization exercise in a bid to make Liquid an Azure expert MSP partner. Succeeded for MSP Azure networking.

SubnetAfrica Limited

Co-Founder | Cloud Engineer

10.2017 - 11.2019

- Represented the company in navigating the Tony Elumelu Program 2018 to raise funds - we raised \$5000 in grants
- Developed monitoring architectures for educational institutions on Azure portal using Azure monitor with features such as application insights, and VM monitoring agents
- Negotiated and successfully partnered with Barracuda, RedHat Linux, IntelMcAfee, and a host of distributors for the company
- Handled partner/channel relationships and sales strategies with Barracuda
- Established and implemented monitoring and management infrastructure for both availability and performance management
- Provided technical and business-related advice and support to clients on all issues cloud
- Part-time Microsoft Azure Trainer for various small clients
- Regular online Azure projects on Upwork and Guru under the TecFlax flag