

Principal Solutions Architect Portfolio

Principal Solutions Architect and Field CTO delivering secure AI and cloud platforms for Healthcare and Life Sciences.

Principal Solutions Architect with 25+ years of experience, including 19+ years in Healthcare and Life Sciences, leading cloud, data, analytics, AI/ML, and Generative AI platforms at enterprise scale. Trusted advisor and hands-on builder delivering customer-facing architectures, prototypes, and production systems across AWS, Google Cloud, and Azure. Deep expertise designing and modernizing clinical, digital health, research, and commercial ecosystems with interoperable unified data platforms,...

_about Highlights

star Principal-Level Leadership

Principal Solutions Architect and Field CTO focused on translating executive priorities into secure, scalable platforms across generative AI, cloud, and data ecosystems.

heart Healthcare and Life Sciences Depth

Deep domain experience across EHR, claims, population health, telehealth, imaging, and omics workloads in regulated environments.

square Hands-On Builder Mindset

Known for combining strategic leadership with hands-on engineering execution, from rapid prototypes to production-grade operating models and reusable architecture blueprints.

cloud Multi-Cloud Breadth

Multi-cloud delivery breadth across AWS, Azure, and Google Cloud with emphasis on platform engineering, governance automation, and long-term capability building.

star Core Profile

star Principal-level executive and technical leadership in Healthcare and Life Sciences.

cloud Hands-on builder of AI, data, and cloud platform accelerators.

pod Regulated architecture depth with HIPAA/HITRUST-aligned design patterns.

cloud Multi-cloud execution across AWS, Azure, and Google Cloud.

bag Experience Map

2021-PRESENT

Field CTO / Principal Solutions Architect, Global Healthcare & Life Sciences

star Enterprise Generative AI Adoption

square Commercial Assistant and Platform Patterns

blue Research and Discovery Acceleration

cloud Enterprise GenAI Accelerators

2007-2021

Principal Cloud and Platform Architect, Leading Academic Medical Center

Platform and Cloud Transformation

AI and Research Enablement

Enterprise Data and Analytics Modernization

Digital Health Programs

_capability Landscape

Executive & Industry Strategy

Strategy • Leadership • HCLS

Cloud Operating Model & FinOps

FinOps • Operating Model • Cloud

Enterprise & Domain Architecture

Architecture • Domain • Modernization

Generative AI Platforms & Orchestration

GenAI • Platform • Agents

Conversational & Multimodal AI

Conversational AI • Multimodal • UX

Enterprise RAG, Search, Semantic, Graph & Vector Systems

RAG • Search • Graph

AI/ML & Advanced Modeling

ML • MLOps • Modeling

High Performance Computing & Research Platforms

HPC • Research • Scientific Computing

Unified HCLS Data Platforms (FHIR, OMOP)

FHIR • OMOP • Data Platform

Modern Data Architectures (lakehouse, warehouse, data mesh, semantic layer)

Lakehouse • Data Mesh • Semantic Layer

Cloud-Native Application Platforms (serverless, Kubernetes, containers)

Kubernetes • Serverless • Cloud Native

Multi-Cloud & Platform Engineering

AWS • Azure • Google Cloud

DevSecOps & Automation (IaC, CI/CD, GitOps, DataOps)

DevSecOps • IaC • Automation

Security, Privacy & Compliance (HIPAA/HITRUST-aligned designs, Zero Trust)

Security • Privacy • Compliance

Commercial & Partner Ecosystems

Commercial • Partnerships • Go-to-market

Customer Engineering & Organizational Leadership

Leadership • Customer Engineering • Execution