

## **Data Platforms & Cloud Engineering Leader (FinOps | Modernization | Enterprise Architecture)**

Technology leader with nearly three decades of IT experience (since 1996) spanning data platforms, cloud engineering, FinOps, and enterprise transformation. Known for modernizing large-scale analytics ecosystems, governing Snowflake and AWS platforms, and delivering multi-million-dollar savings through cloud economics and automation. Leading the Baxter → Vantive data platform separation, architecting independent operating models and ensuring business continuity across global analytics environments. Combines deep engineering expertise with strategic leadership to align platform roadmaps with enterprise priorities and scale high-reliability, cost-efficient data capabilities worldwide.

### **CORE CAPABILITIES**

Data Platform Strategy | Cloud Architecture | Optimization & Governance | FinOps & Cloud Economics | Snowflake, Startburst, Enterprise Data Hub (EDH) & Alteryx Operations | Modern Data Stack Enablement | Platform Reliability Engineering | Observability & Monitoring | Integration Architecture | Automation & Engineering Productivity | Migration & Modernization | Data Governance & Security Models | Global Operations Leadership | Vendor & Offshore Management | Technological Roadmap & Portfolio Oversight

### **SELECT ACCOMPLISHMENTS**

#### **Enterprise Separation Leadership**

Directed the Baxter → Vantive data platform separation, leading decoupling of Snowflake, EDH, SVN, Alteryx, security models, and analytics ecosystems into two fully independent operating environments. Established architecture, governance, and transition frameworks ensuring business continuity, regulatory alignment, and cost-efficient platform independence.

#### **FinOps & Cloud Economics Optimization**

Delivered \$6M+ in cumulative savings through cloud financial governance, Snowflake performance optimization, and AWS footprint reduction. Reduced EDH server footprint by 83% (245 → 41 servers) and implemented Snowflake usage, workload, and auto-scaling optimizations generating \$1M in savings and recurring quarterly cost reductions. Designed enterprise failover and capacity strategies yielding multi-million-dollar infrastructure, hosting, and license efficiencies.

#### **Performance Engineering & Reliability Improvement**

Strengthened platform reliability through enterprise observability frameworks spanning CloudWatch dashboards, workload analytics, & real-time alerting. Implemented dynamic EMR auto-scaling that increased throughput while reducing compute cost under peak conditions. Improved response times, accelerated incident resolution, & enhanced capacity planning across global data environments.

#### **Architecture, Modernization & Transformation**

Led modernization & migration initiatives for 400+ applications, including multi-region AWS adoption, data center consolidation, HA architecture design, platform lifecycle upgrades, and integration modernization. Architected enterprise ETL/Integration backbone used daily by 1,000+ developers and 10,000+ business users across 250+ applications, enabling consistent, scalable analytics delivery.

#### **Automation & Engineering Productivity**

Designed deployed automation frameworks that doubled developer productivity and reduced deployment effort by thousands of hours annually. Introduced workflow, performance & monitoring automation increasing operational efficiency. Built automated ETL code-promotion pipelines providing multi-region, multi-environment deployment orchestration generating significant annual cost savings.

#### **Global Operations & Governance Leadership**

Transformed global L0–L2 operational support using optimized offshore models, improving SLA performance and operational stability. Authored enterprise standards, SOPs, governance models, and architecture guidelines adopted across engineering and product teams, strengthening consistency, compliance, and platform quality across the organization.

### **CERTIFICATION**

FinOps Certified Practitioner (in progress) | FinOps FOCUS Analyst (in progress) | AWS Certified Cloud Practitioner

### **EDUCATION**

**Master of Computer Science** - Illinois Institute of Technology (IIT)

**Bachelor of Medicine and Bachelor of Surgery (M.B.B.S.)** - Gujarat University, India

### **PROFESSIONAL EXPERIENCE**

#### **Baxter International** (Dec 2007 – Present) - **Senior Manager, IT – Data Platform Management / Enterprise Solutions Architect**

Lead strategy, architecture, and operational excellence for Baxter's enterprise data platforms spanning Snowflake, AWS, Enterprise Data Hub (EDH), Alteryx, and large-scale ETL/Integration systems supporting global analytics, reporting, and digital initiatives. Interface with business stakeholders ensuring alignment of platform capabilities with strategic analytics and reporting needs.

#### **Motorola Inc.** (1999 – 2007) - **Sr. Data Warehouse Architect / Sr. DW Developer / Sr. DBA / Sr. Software Engineer**

Led architecture, development, and operations for enterprise data warehouse systems supporting global reporting, supply-chain analytics, CRM, and operational insights.

#### **Early Career** (1996 – 1999) - **Arthur Anderson LLP, Deloitte & Touché LLP**

Held progressive roles in information security, software engineering and system administration beginning September 1996, building foundational expertise in architecture, performance engineering, and enterprise application development.