

RAM TYAGI

CLOUD & DATA ENGINEERING LEADER | DRIVING SCALABLE, AI-READY PLATFORMS

Visionary technology leader with a proven track record in driving strategic roadmaps, optimizing operations through automation, and leading large-scale data and cloud modernization. Experienced in delivering complex, engineering-mature products by spearheading major projects, scaling high-performance Agile teams, and leveraging cutting-edge technologies such as Databricks Lakehouse, Graph Databases, GraphQL, Python, and AI-driven solutions. Known for fostering innovation, encouraging experimentation with emerging technologies, and embracing failure as a learning opportunity, while maintaining a relentless commitment to quality. Expertise in digital transformation and enterprise platform migrations, with a focus on building scalable, data-centric systems.

Proven ability to influence C-level stakeholders and collaborate with cross-functional teams to align technology with business strategy. A start-up mindset, designing innovative, forward-thinking architectures that exceed industry benchmarks. Successfully led cloud migrations across Azure and AWS for major institutions, while addressing regulatory and reporting requirements to meet compliance and analytics objectives.

CORE COMPETENCIES

Leadership & Strategy | Project Intake & Prioritization | Cross-functional Team Leadership | Vendor Management
Contract Negotiations | Budgeting & Cost Estimations | Digital Strategy & Transformation Innovations | Platform
Migrations & Cloud | Data Analytics | Automation | AI Exploration | ML Model Integration | Modern Architecture
Asset Management | Data Governance | Data Strategy | Security Data Management | Client Reporting
Data Reconciliation | Portfolio Accounting | Portfolio Performance | Problem-solving

TECHNICAL COMPETENCIES

Databricks | Azure | AWS | Eagle | CRD | Power Apps & Power BI | SQL Server | Oracle | Graph Database | AI/ML
Graph QL | Micro services | Python | Azure Data Factory | Lakehouse Architecture | .NET | Snowflake | Microsoft
Co-Pilot & Fabric | PySpark | Azure ML | Salesforce

PROFESSIONAL EXPERIENCE

HARRIS ASSOCIATES, Chicago, IL

2022 – Present

Asset management: the firm specializes in value investing across U.S., international, and global equity strategies, as well as U.S. fixed income strategies.

VP, Head of Investment Operations – Technology

Provided leadership to manage strategy and vision for middle office technology and data department, overseeing key functions, including Performance, Accounting, Client Reporting, Security Data Management, Account Management, Settlements, and vendor relationships. Served as part of the CTO's leadership team.

- Reduced production support activities by 65%, with focus on critical project execution through innovative vendor engagement strategies and streamlined automation processes.
- Championed and led the firm's first-ever ETF OAKM rollout.
- Piloted the transition to Azure and modernization of the accounting platform, including restructuring data integrations via Snowflake and Databricks. Managed the Azure migration roadmap from the data center, coordinating closely with the Infrastructure team for the DR environment lift-and-shift.
- Involved in the rollout of Microsoft Co-Pilot, custom-tailored for the research team, and integrating quantitative models into Databricks Lakehouse.
- Oversaw upgrades for Eagle, SharePoint, and CRD, guiding the creation of frameworks for future upgrades.

PUBLICIS SAPIENT, Chicago, IL

2006 – 2022

Provider of digital business transformation and consulting for global markets and financial services clients, globally.

Director of Technology (2021 – 2022)

Directed global engineering teams in launch of digital platforms, data intelligence systems, and integration of machine learning while also designing and executing digital launchpads for clients in the retail and transportation sectors.

- Presided over global engineering teams in order to launch subscription platforms and data intelligence systems, integrating machine learning for user recommendations.
- Guided tech teams through large-scale digital and cloud transformations, delivering cloud-based solutions for Polaris (AWS) and Ford digital transformations (Azure).
- Elevated the Engineering Maturity Model score from 2 to 4.5, significantly improving engineering practices and processes.

Senior Manager of Technology (2013 – 2021)

Managed large-scale data integration and governance projects for financial services clients, improving onboarding speed and data literacy.

- Delivered data and tech strategy roadmaps and digital transformation, including data governance frameworks and performance/reference data management for Aon and Empower Asset Management.
- Architected and managed accounting platform migrations and introduced agile processes, improving collaboration and predictability for a Cargill credit and risk management initiative. Introduced Behavior-Driven Development (BDD) and Test-Driven Development (TDD), resulting in a 20% cost savings.
- Developed an Information Security suite for AWS-hosted platforms; ensured compliance for Fannie Mae/Freddie Mac CSS requirements.
- Conducted assessments and cost estimations for Credit Suisse's global digital platform providing the road map for the global digital platform.

Manager of Technology (2006 – 2013)

Managed mid-scale data integration and governance projects for financial services clients, improving onboarding speed and data literacy; developed home grown products to meet regulatory compliance for clients.

- Achieved up to a 60% cost savings while ensuring compliance by designing and launching a regulatory reporting solution suite including a data reconciliation product.
- Directed strategic initiatives to modernize legacy systems, improving operational efficiency for Citadel Investment.
- Improved RBC's Internal Price Verification process through integration and automation.
- Contributed to the development of FpML structure for DTCC's Swap Data Repository.
- Automated data feeds and enhanced user interfaces for a .NET-based analytical platform on behalf of Central Bank, NYC.

EDUCATION

Master of Science, Computer Science

Bachelor of Science, Mathematics and Statistics

Jiwaji University, Gwalior, MP, India

TRAININGS, CERTIFICATIONS, AND LICENSURES

Executive Program on Leadership - Accelerator, Sapient (2022)

AWS Cloud Practitioner & Solutions Architect Certifications, Amazon Web Services (2021)

Azure Fundamentals Certificate, Microsoft (2021)

SAFe 5 Agile Certification, Scaled Agile, Inc. (2021)

Executive Program on Blockchain Technologies (2021)

Executive Program on Leadership (2020)

