Matt Scardino

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SENIOR DIRECTOR, DATA ENGINEERING & AI PLATFORMS

Architect and leader specializing in modern data platforms and AI-driven systems, with deep expertise in scalable cloud-native architectures and advanced data engineering. Skilled at translating complex requirements into clear technical designs, shaping platform strategy, and guiding organizations through data modernization and AI adoption. Experienced in leading cross-functional initiatives and building trusted, reliable data foundations that support analytics, product development, and AI at scale. Hands-on in architecture and system design, I build resilient platforms and drive technical direction. I enable organizations to adopt AI safely and at scale while elevating engineering teams to operate with clarity, velocity, and excellence.

CORE COMPETENCIES

Enterprise Data Strategy – Data Architecture – Data & Analytics Engineering – Data Warehousing – Governance, Quality & Reliability

AI Engineering – RAG Architectures – ML Workflow Orchestration – MLOps – AI Platform Enablement

Cloud Platforms (Azure, AWS) – Enterprise Integration Patterns – Platform Reliability & Scalability – Architecture Governance

TECHNICAL SKILLS

Programming Languages: Python, SQL, Java, C#

Database Technologies: Snowflake, SQL Server, PostgreSQL, MySQL, DuckDB, Databricks, Pinecone

Cloud Platforms: AWS, Azure, DigitalOcean

Libraries & Frameworks: Pandas, NumPy, OpenCV, FastAPI, LangChain, OpenCLIP, MCP

AI Platforms: OpenAI, Gemini, Azure OpenAI, Anthropic Claude, Amazon Bedrock, Hugging Face Hub

Tools: Git, Docker, Jenkins, PostGIS, Pgvector, Talend, SSIS, HVR, Power BI, ThoughtSpot, Qlik Replicate

EDUCATION

Regis University
M.S. in Data Science   *2025*

Regis University
B.S. in Computer Science   *2017*

EXPERIENCE

Senior Architect - Data & AI Platforms   Aug 2021 - Present
Qlik / Talend   *Remote*

• Designed enterprise-scale data and AI platforms for Fortune 100 organizations, defining ingestion patterns, governance models, and cloud-native designs supporting mission-critical workloads.

• Supported modernization and AI initiatives across $5M–$20M portfolios, enabling analytics, product capabilities, and AI-driven workflows across multiple Fortune 100 organizations.

• Led technical discovery and solution direction, translating complex requirements into scalable architectures and modernization roadmaps.

• Developed prototypes and reference architectures for RAG pipelines, context-aware AI applications, composable services, and data-quality frameworks, accelerating adoption and platform alignment.

• Provided technical leadership and mentorship, supporting engineering, integration, and analytics teams across large distributed environments.

• Recognized for technical leadership, trusted to drive platform direction and successful delivery across multiple Fortune 100 environments.

Director, Data Platform   Nov 2019 - Jul 2021
Summit Materials   *Denver, CO*
- Led enterprise data modernization, designing and delivering cloud-native data platforms that replaced legacy systems across 12 operating companies.

- Built and mentored a high-performing data engineering and analytics team (up to 30 FTE + contractors), driving agile delivery, platform governance, and cross-functional collaboration.

- Implemented scalable data strategy and governance frameworks, improving data quality, reliability, and operational effectiveness across the organization.

- Enabled seamless remote/hybrid operations for 3,000+ employees during COVID-19 through enhanced data access, security, and platform resilience.

- Delivered high-value modernization initiatives, including a rebuilt API-driven customer portal (reducing support costs by $500K and preserving $1M in revenue) and a self-service analytics platform that generated $2.5M in annual savings.

Data Solutions Architect   Feb 2018 - Oct 2019
DCP Midstream   *Denver, CO*
- Designed an enterprise data lake and real-time integration hub with embedded governance, enabling improved analytics, data quality, and regulatory compliance.

- Created a comprehensive Customer 360 model, generating $2M+ in annual savings through improved operational visibility.

- Established a Power BI & Alteryx Center of Excellence to strengthen analytics capability and cross-team collaboration.

- Translated strategic objectives into actionable roadmaps that guided modernization and data platform investment.

Senior Consultant & Technical Lead, Cloud Practice   Jan 2016 - Feb 2018
Datasource Consulting   *Denver, CO*
- Led design and delivery of cloud-native and hybrid data platforms, integrating modern ETL/ELT, governance models, and analytics acceleration patterns.

- Mentored engineering teams and guided stakeholders through modernization, cloud migration, and data-engineering best practices.

- Delivered scalable, cost-effective solutions that improved decision quality and operational efficiency, contributing $10M+ in cumulative client savings.

Director, Data Services   Oct 2013 - Oct 2015
Genscape   *Boulder, CO*
- Expanded the enterprise data landscape by integrating 3,000+ new data sources, contributing $5M+ in new and retained revenue.

- Designed and implemented master data solutions that reduced inconsistencies and improved operational efficiency, enabling $10M/year in savings and decision improvements.

- Delivered Azure Database-as-a-Service capabilities, creating scalable, client-specific data environments and laying groundwork for future cloud expansion.

Director, Data Platform   Mar 2008 - Jul 2013
Transfirst   *Broomfield, CO*
- Stabilized payment platforms and modernized backend processing, streamlining settlement, improving transaction reliability, and driving $10M in annual cost savings.

- Rolled out new processing and analytics platforms for internal and external customers, enhancing data accessibility and decision-making, improving customer retention, reducing churn, and generating an estimated $1M in new and preserved annual revenue.

ADDITIONAL EARLY CAREER EXPERIENCE

- Webroot — Manager Database Development

- Elevations Credit Union — Database Developer

- IBM — Database Developer