

# Ralph Richter, CPA, MBA

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**Enterprise Data Architect | Financial Analytics Platforms | Data Strategy Leader**

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## Professional Summary

Enterprise Data Architect and Certified Public Accountant specializing in financial data platforms, enterprise analytics architecture, and modern cloud data ecosystems. Combines accounting domain expertise with enterprise data modeling, data engineering, and SQL-centric system design to build governed financial data platforms supporting analytics, regulatory reporting, and AI-enabled decision support. Extensive experience integrating ERP, financial planning, treasury, procurement, and operational systems into enterprise data warehouses and analytics environments using Snowflake, Azure Data Factory, SQL Server, and modern ETL/ELT pipelines.

## Core Skills

- Enterprise Data Architecture
- Enterprise Data Strategy
- Financial Systems Architecture
- Enterprise Data Warehousing
- Constellation / Star Schema Design
- Conceptual Data Modeling (CDM)
- Logical Data Modeling (LDM)
- Analytics Engineering
- Data Governance, Lineage and Data Quality
- SQL Development (T-SQL, PL/SQL)
- Cloud Data Platforms (Snowflake, Azure)
- ETL / ELT Pipelines
- Power BI and Tableau Analytics Platforms
- AI-Ready Semantic Data Architecture

## Professional Experience

**Carlton Brooke LLC — Founder / Principal Consultant**

2024 – Present

- Lead enterprise data strategy initiatives and financial analytics architecture projects focused on modernizing financial data platforms.
- Design Conceptual Data Models (CDM) and Agile Logical Data Models supporting enterprise financial analytics environments.
- Architect Snowflake-based financial data warehouses using dbt-style transformation frameworks and governed semantic layers.
- Design constellation-schema analytics models including Member 360 and Deal 360 architectures for complex financial ecosystems.
- Develop LLM-ready semantic data architectures enabling AI systems to safely query governed financial analytics datasets.
- Advise organizations on financial data platform modernization integrating ERP, treasury, expense management, and fund accounting systems.

### **L3Harris Technologies — Financial Systems Data Architect / Data Engineer**

2007 – 2024

- Architected enterprise financial analytics platforms integrating PeopleSoft Financials, Hyperion planning, Microsoft Project Online, and workforce systems.
- Designed enterprise data lake architecture using SQL Server and ETL pipelines built with SSIS and T-SQL.
- Developed executive decision-support analytics platforms used by CIO leadership for enterprise portfolio planning.
- Generated approximately \$1.2M in annual labor savings by replacing manual reporting processes with automated analytics systems.
- Led migration of legacy SSIS pipelines to Azure Data Factory improving reliability and scalability of enterprise data pipelines.
- Built procurement analytics platforms integrating Ariba procurement data with PeopleSoft financial transactions.
- Optimized complex PeopleSoft Financials queries and built governed reporting views supporting automation and analytics.
- Integrated data from PeopleSoft General Ledger, Accounts Payable, Projects, Time & Labor, Hyperion, and operational systems into enterprise analytics platforms.
- Managed development of a custom enterprise Time & Labor platform supporting complex government-contracting compliance requirements.

### **Additional Professional Experience**

Earlier roles include enterprise financial systems leadership, PeopleSoft platform engineering, enterprise ERP implementations, finance instruction, and public accounting advisory work.

- Group Manager – PeopleSoft Financial Systems, CRU
- Lead PeopleSoft Technical Developer, State Farm Insurance

- Senior Consultant – Enterprise Systems Implementations, Cotelligent Inc.
- Adjunct Professor of Finance, Illinois State University
- Certified Public Accountant – Advisory Practice, Ralph M. Richter CPA

## **Technology Platforms**

- Snowflake
- SQL Server
- Oracle Database
- Azure Data Factory
- SSIS
- T-SQL
- PL/SQL
- Power BI
- Tableau
- PeopleSoft Financials
- PeopleSoft HCM
- Enterprise Data Warehousing
- Data Modeling
- ETL / ELT Development

## **Education / Credentials**

Master of Business Administration (MBA), Finance — Illinois State University

Bachelor of Arts — University of California

Certified Public Accountant (CPA)

Project Management Professional (PMP®), Project Management Institute