

Elena Marchetti-Owusu

Principal Enterprise Data Architect | Lead Data Architect | Data Warehouse Developer

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PROFESSIONAL SUMMARY

Enterprise data architect with sixteen years in data and seven setting architecture direction for retail and healthcare organizations. Owns the data strategy, platform choices and master data program for a national retailer, and chairs the architecture review board.

PROFESSIONAL EXPERIENCE

Principal Enterprise Data Architect

Mar 2020 — Present

North Star Home & Outdoor · Minneapolis, MN

- Set the enterprise data strategy and target architecture for a retailer with 400 stores and a growing online business, approved by the CIO and CFO as a three-year roadmap.
- Led the product and customer master data program, choosing a hub design, survivorship rules and stewardship roles that ended conflicting product attributes between store and online channels.
- Chair the architecture review board, reviewing every new data platform request against reference patterns and saying no to duplicate tools with a written rationale.

Lead Data Architect

Jul 2015 — Feb 2020

Great River Health Partners · St. Paul, MN

- Architected the clinical and claims data warehouse on a cloud platform, with HIPAA-aligned de-identification zones for research and quality reporting teams.
- Created the patient identity matching approach used across clinics and hospitals, reducing duplicate records that confused care teams and billing staff.
- Built the organization's first business glossary and data ownership model with the compliance office, giving every critical table an accountable steward.

Data Warehouse Developer

Jun 2009 — Jun 2015

Twin Lakes Insurance Services · Bloomington, MN

- Modeled and loaded policy and premium marts in an on-premises warehouse, learning dimensional design under a strict actuarial review process.
- Wrote the slowly changing dimension patterns later reused for agent, product and coverage history across the warehouse.

EDUCATION

MS, Computer Science — Upper Midwest University

2011

BA, Mathematics — Superior State College

2009

SKILLS

Technical: Enterprise data strategy, Snowflake, Databricks, Master data management, Product and customer domains, Data mesh and data products, Data governance operating model, Collibra, Reference architecture, Architecture review boards, Executive communication, Team mentoring

Certifications: CDMP (Certified Data Management Professional) · SnowPro Advanced: Architect · TOGAF Enterprise Architecture Practitioner