

# CLIENT NAME

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## DATA TRANSFORMATION CONSULTANT

Supplying end-to-end solutions which simplify and expand access to data across business functions.

**Data Architect** known for simplifying the complexity of data with solutions tailored to meet specific business needs.

**Data Analyst** who refines data and crafts quality solutions that provide strategic business insights.

**Creator** of conceptual business models for all functional domains, reflective of business workflows.

**Collaborator** who fosters a data-aware environment to help drive the business forward.

**Advocate** of affordable solutions which empower small businesses and non-profit organizations.

### METADATA ORGANIZATION ▪ CONCEPTUAL BUSINESS MODELS ▪ CLOUD-BASED ECOSYSTEMS

- Empowering business teams with Metadata toolsets employing universal terminologies and data lineage.
- Leveraging data discovery and raw data analysis to translate requirements into technical design.
- Implementing cohesive, rule-based data solutions focused on simplicity and horizontal scalability.
- Delivering complex projects with incremental, iterative deployment, on-time and within budget, mitigating gaps and risks.
- Supporting internal teams with built-in data services and data reporting that ensures quality and end-user satisfaction.
- Providing lightweight application, deployed rapidly with minimal resources and ease of maintenance.
- Optimizing platform consumption with data alerts, easy to follow workflows architectural and troubleshooting guidance.

### AREAS OF EXPERTISE

Data Warehousing  
Enterprise Data Architecture  
Business Glossaries  
Machine Learning  
ETL | Data Wrangling

Master Data Management  
Ownership Hierarchies  
Historical Snapshots  
UI Data Framework  
Azure Portal | DevOps

Data Lake Storage  
Metadata Management  
Data Lineage  
Predictive Modelling  
Cloud Security

### CONSULTING SERVICES

#### Principal | Data Warehouse Architect

DATA SOLUTIONS CONSULTING FIRM | 2022 – PRESENT

Consult with clients to build customizable cloud-based data ecosystems with API interfaces, offering robust data and reporting solutions with 360° data insights across all business functions. Provide a simple, scalable solution for data warehousing, operational data store and data mastering utilizing business metadata as the primary driver. Prioritize business processes when designing technology solutions to include the following:

- **Business metadata and glossaries** for better documentation, organization of business flows and clarity around business data points including data lineage.
- **Business conceptual models** to provide insights into data discovery, data consolidation and simplified reporting.
- **Business rules** for creating quality source data, incorporating business logic and data standardization using reference data and reference mappings.

PROFESSIONAL EXPERIENCE

Cloud Data Solutions Architect | Nonprofit Name | 2018 – Present

Orchestrate building of a sustainable data platform and modern data warehouse for this nonprofit organization partnering with investment advisory firms to manage the University’s endowment assets. Owned technical envisioning, design, scope, and delivery of projects. Generated \$60K savings to licensing costs by minimizing usage of public identifiers in the warehouse security mastering and adopting open standards, like FIGI.

- **Eliminated \$200K in annual Hedgeserv DataAgg fees** by transitioning to data warehouse for monthly reporting.
- **Led migration to fully serverless architecture**, generating more timely insights on private investment exposure and asset allocation, replacing manual spreadsheets with daily automated reporting in PowerBI, Tableau or API formats.

AVP, Development & Senior ETC Lead | Financial Services Company | 2014 – 2018

Supervised the complete pricing MDM process, including architecture and end-to-end delivery procedures. Managed team of 10+ resources, including developers, analysts, contractors, offshore teams and vendor personnel. Implemented the firm’s initial warehouse, reporting and data mastering and pricing mastering solutions from the ground up.

- **Saved the company over \$200K annually** with migration of data from Fortran to Informatica/SQL server—the new process ran three hours faster than the old system.
- **Partnered with production services** to install Informatica 9.5 with HA load balancing, data profiling, DVO and TDM. Liaised with EDM Consultants to facilitate product design and craft more flexible, scalable UI design.
- **Resolved data issues by pioneering ETL design** for complex COBOL-style multiple record formats, like from DTCC.
- **Designed highly configurable application for business users** to run comparison exception reports on a daily and monthly basis, as well as configure reconciliation processes.
- **Implemented price hierarchies** in the mastering solution to accept price data from multiple vendors and define customized rules within each hierarchy.

Senior Data Warehouse Lead | Accenture | 2003 – 2009

Built end-to-end pipelines based on rigorous engineering standards and coding practices to deliver accessible, high quality data. Contributed to the modernization of architecture and tools to help increase output, scalability and speed.

- **Significantly improved performance to nearly 300%** for WAMU Phase 3 process by converting from table-based to file-based processing.
- **Played key role redesigning Acquisitions Data Mart**, consisting of over 250 staging tables and 40+ mart tables, utilized extensively by credit, risk and marketing users.
- **Analyzed, coordinated and implemented** several TSYS related file loads to the OIS Mart, CSDE/ODSP database migration, TSYS v-region file automation using Informatica.

Early Career Highlights

Senior Software Engineer | Financial Company | 2000 – 2003: Built highly scalable systems using Apache Tomcat, Java (Servlets, JSP, JDBC), Struts framework and XML technologies. Designed SQL query scripts to support data analysis and profiling. Conducted sessions on project design methodologies and emerging technologies; organized formal knowledge transfer sessions around development process.

Software Engineer | Company Name | 1999 – 2000: Designed Vignette content management system and coordinated production rollout for Reseller registration functionality. Managed a small team coordinating development and production releases. Administered applications to include Netscape Enterprise server, JSP ServletExec and Gemstone application server. Involved in integration and maintenance of Database jobs in MS SQL Server.

EDUCATION & COMMUNITY

**Bachelor of Science in Engineering (equivalent)**

*Name of Engineering College*

**Volunteer, Name of Global Environmental Campaigns Organizations**