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**Professional Summary:**

Seasoned Data & AI Architecture and Data Governance executive with over 20 years of experience working across industries (financial services, life sciences, technology, energy companies) focusing on adding business value & providing a competitive advantage using AI, Data Products/Data Mesh, Data Architecture, Solution Architecture, Data Catalogs, Data Governance, and Analytics for companies such as JP Morgan Chase, Citigroup, Salesforce, Apple, Disney, Smurfit Westrock, CVS, Envision Health, Unilever, Deutsche Bank, Morgan Stanley, Royal Bank of Scotland, TD Ameritrade, Standard & Poors (S&P), Thomson Reuters, Vistra Energy, and IBM.

**Business Skills**:

* Certified Six Sigma Master Black Belt (MBB) statistical process optimization, Certified Lean Six Sigma Black Belt
* Experience in cultivating and expanding partnerships through strategic development of new client relationships
* Proven experienced at dealing with and advising C-level management
* Leading go to market sales effort involving metadata, data catalogs and data product marketplace
* Management experience throughout the complete data/software development life cycle (SDLC)
* Proven ability to influence/lead global teams to design data integrations and improve data flow and data quality
* Industry Customer/Account data expert with deep understanding of all data services, its characteristics and value
* Highly skilled in process re-engineering including continuous enhancements, optimizing operations and procedures to improve efficiency and enhance reporting
* Full understanding of the data life cycle, and experience in managing data delivery solutions and programs
* Extensive knowledge of financial, life sciences, and energy business glossaries and logical data models including Retail/Investment banking and Facilities/Clinical
* Strong track record of creating & implementing Data Taxonomies for financial services & life sciences clients
* Ability to add semantic meaning to Data Catalogs along with accelerating Data Analysis using AI / Machine Learning
* Experience in designing Data Maturity Models to gain a competitive advantage by achieving revenue growth
* Ability to analyze and understand counterparty risk, credit risk, product flow, accounting events, market data (securities, prices, trade related information), and reference data (relationships, issuers, ratings)
* Strong Financial Products knowledge across both Wholesale & Retail sides (Derivatives, Equities/Fixed Income, Currencies, Loans/Leases, Cards, Mortgages), capital markets, cash flows, events, corporate actions

**Technical Skills**:

* Google Generative AI Certified (AI Fundamentals with Vertex AI)
* Google Cloud Certified - Professional Cloud Architect
* Expert in the vision, design, and creation of Data Products and Marketplace using the Data Mesh concepts
* Strong knowledge in Data Lineage, Data Modeling & Data Manipulation in dealing with systems design & integration
* Experience with GCP, AWS and Azure cloud infrastructure components and architectures
* Ability to apply Data Analytics, Machine learning, Artificial intelligence and Big Data techniques to data assets in order to understand data better, and to see patterns/correlations that a human alone could never recognize
* Extensive subject matter expertise with Data Catalog technology (Alation, Collibra, Informatica EDC/AXON, IBM)
* Deep subject matter expertise (SME) of both Reference Data and Market Data in the context of data flows, Master Data Management (MDM), Securities Master, and Customer Master
* Extensive experience with design & development of Data Quality rules for Data Warehouses and Data Marts
* Experience utilizing Big Data Platforms such as Greenplum & Teradata as well as Hadoop framework
* Conceptualizing Data Architecture, Data Staging Acquisition strategy, ETL designs, and Data Sourcing
* Expertise with a variety of Business Intelligence (BI) Visualization tools (QlikView, Tableau, Cognos, SAP Business Objects), and Data Quality tools (AbInitio ETL/XpressIT, Informatica IDQ)
* Hands on experience with Market Data Vendors such as Thomson Reuters, Bloomberg, S&P, Broadridge
* Strong familiarity with dimensional modeling techniques and creation of logical and physical data models

**Professional Experience:**

(Feb 2024 - Present) **Smurfit Westrock**

**Data Strategist - Metadata & Data Catalog Subject Matter Expert**

* Providing data insight into ERP systems using a data catalog as part of their migration to SAP S/4HANA
* Leading all data cataloging and governance initiatives, and defining the strategy, vision, and execution
* Speaking at Conferences and Corporate Events on the enterprise value of data catalogs and their functionality
* Develop and maintain Alation's data catalog, governance framework, establish clear data policies and standards
* Lead the planning and execution of data flow architecture, including new data sources, metadata, and enhancements
* Monitor Alation usage patterns, identifying areas for improvement and optimizing user experience
* Engaging with vendors to maintain Alation infrastructure, ensuring optimal performance and reliability
* Collaborating with cross-functional teams to integrate data catalog with 3rd party applications & data workflows
* Lead design of custom connector frameworks and API integrations with Alation data catalog

(Dec 2018 - Jan 2024) **ACCENTURE Technology (via KNOWLEDGENT)**

**Global Capability & Platform Lead - Metadata/Data Catalog/Lineage –** *Data & AI*

* Guiding client decisions by identifying the critical information needed to run and grow the business by using artificial intelligence and automation to generate metadata and minimize human intervention
* Developed and implemented Data Governance strategy, Data Architecture & AI (with GenAI)
* Designed Solution Architecture by providing SME knowledge around Data Integration on Cloud & on-Prem
* Provided expertise in Metadata, Data Catalogs, Data Governance and Lineage to clients and across the company
* Advised clients and project teams on best ways to utilize Alation data catalog to maximize its potential
* Lead efforts to create and enable Data Product Marketplace to enable the business to use & understand its value
* Collaborated with global data and technology teams to lead cutting-edge research and development in AI/ML and other emerging technologies, assessing new opportunities for capability expansion and market penetration
* Lead and inspired cross-functional teams, providing mentorship, and fostering robust relationships with internal and external stakeholders, effectively representing the firm during critical negotiations.
* Created metadata architecture for Data Products (including design prototypes) utilizing the Data Mesh
* Conceptualized Data Catalog framework for supporting governance, policies & workflows
* Designed integration with Google Cloud Platform and Google Data Catalog
* Created data architecture framework & data dictionary for Life Sciences MDM Strategy initiative
* Lead efforts on Data Privacy/Protection and Tokenization as it relates to regulatory adherence
* Created and actively managed the Platforms and Global Alliance Partnership between Accenture and vendors -Alation & MarkLogic that includes software resale, training, implementation services & joint go to market strategy
* Lead go to market sales effort involving metadata, data catalogs and data product marketplace

(Mar 2015 - Sep 2018) **JP MORGAN CHASE (CCB Commercial Credit Risk)**

**Executive Director** - **Data Quality/Data Governance** - *Risk Data Analytics*

* Managed CCB Risk Data Quality team responsible for Data Monitoring (rules, issues), and BI Reporting in addition to driving data strategy, oversight, and initiatives in support of BCBS and CCAR Programs
* Provided information, solutions and value-added consultation on data as a subject matter expert to various lines of business, technology and audit
* Built strong data relationships with Data Vendors & enforce SLA and Data Quality agreements
* Served as a key voice in selection of technologies, equipment, and vendors
* Managed Technical Data Quality and the file SLA process for outside data feeds coming into the company
* Improved credit decision making & portfolio management through data visualization and analytics
* Built relationship & regular communication lines with the business and key stakeholders
* Managed all Commercial Risk Data Quality Reporting and escalation mechanisms on Issues in JIRA
* Lead product development efforts to transform raw data into sophisticated MIS reporting solutions
* Ensured the appropriate level of data quality to support CCB Risk reporting, modeling, and analytics, in compliance with the BCBS principles on Risk Data Aggregation
* Partnered with CCB Chief Data Office (CDO) to execute the data quality framework, optimizing the use of automated data quality tools and processes
* Managed client & reference data enriching the Master Data Repository catalog with relevant metadata
* Supervised the gathering, documenting, and communication of data business requirements & its implementation
* Directed the strategy and implementation of Data Quality Business Rules into the DQ Facility (AbInitio)
* Produced a meaningful Data Quality program prototype using AbInitio ExpressIT product
* Facilitated Data Governance activities by outlining the approach and artifacts for a successful BCBS audit
* Supported the 2015 vetting of the Risk Data Quality program with federal regulators

(Oct 2013 - Nov 2014) **Broadridge (Securities Processing Solutions - SPS)**

**Data Analytics & Architecture Subject Matter Advisor** - *Data Aggregation/ Monetization*

* Managed Data Aggregation program (Market Data & Reference Data containing Instrument and Party/Customer data), scope and budget to combine multiple system feeds into a single view
* Implemented data aggregation strategy for three products (BPS - Equities, Impact - Fixed Income, Gloss)
* Sought out new/alternative data sources to incorporate into the data aggregation initiative
* Met with top data vendors & research organizations around the country to analyze/assess new data sets with potential to uncover trends, patterns and insights
* Responsible for all negotiations and keeping track of vendors and data sources
* Defined logical data integration strategies for data flows between disparate source/target systems for structured and unstructured data into common data reservoir (Data Lake)
* Managed and Identified Solution Delivery milestones and dependencies with other initiatives
* Prepared the business case to obtain funding for new product development
* Led the Data Monetization initiative to identify Big Data vendors & solutions to maximize future profits
* Led product development efforts to create new data offerings
* Directed marketing new data products to investment banks to obtain their buy-in and funding
* Managed the relationship with resource and technology vendors along with their contracts (pricing, licensing)

(Feb 2013 - Oct 2013) **RBS (Royal Bank of Scotland) CITIZENS**

**Master Reference Data Lead** **(MDM)** - *Enterprise Data Initiative*

* Managed Reference Data Requirements for releases of the EDI Program (Customer & Instrument Master)
* Ran the creation of Data Validation business rules and Conformed Values across multiple sources
* Implemented an operational utility to create and maintain internal & external master reference data
* Defined which data is needed at each point in the execution life cycle of MBS (mortgage backed securities)
* Ensured key data elements and key performance indicators align with key controls
* Designed and developed data governance standards, nomenclature, roles and responsibilities

# (Jan 2011 – Jan 2013) **CITIGROUP** (Global Finance)

**Senior Project Manager/Regulatory Reporting,** *Enterprise Data Warehouse - GENESIS*

* Successfully managed Reference Data acquisition of multiple product processors for an Enterprise Data Warehouse (GENESIS) with a common data model that is anchored to financials for integrity and completeness (for use across Finance, Regulatory Reporting, Risk & Compliance)
* Produced a single data repository that allows the bank to identify its assets, counterparties, clients and let them track risk in accordance with Dodd-Frank guidelines requiring banks understand the full extent of their business
* Controlled and managed data on-boarding (internal, client, vendor - Loans, Derivatives) to make sure it adhered to target file layout and was consistent with industry standards
* Managed implementation of business intelligence functions to be used for regulatory reporting Dodd-Frank & Basel
* Coordinated cross functional teams, business subject matter experts and technology throughout the SDLC
* Accountable for the development, improvement and execution of data management strategy in support of Basel III
* Created and implemented logic that anchors Contracts and Positions data back to the General Ledger
* Offered Subject Matter expertise in order to design logic to cleanse and enrich acquired data

# (Nov 2009 – Jan 2011) **EMC² - onsite at DEUTSCHE BANK, MORGAN STANLEY & TD AMERITRADE**

**Principal –** *Master Data Management (MDM)*

* Provided industry's best practices, standards and methodologies for master data management solution (MDM) opportunities on a range of complex consulting engagements

(Deutsche Bank – Data Operations Strategy, Morgan Stanley Smith Barney – Wealth Management)

* Audited Morgan Stanley’s Wealth Management security master (MSD) to determine data compliance
* Defined corporate program Governance and Master Data Management structures (Client Master & Securities Master)
* Outlined current and future state processes to identify opportunities for improvements
* Developed approaches for quantifying and measuring data quality (KPI's, SLA's, Scorecards)

# (July 2008 – Nov 2009) **THOMSON REUTERS** (Enterprise Division)

**Senior Project Manager / Product Manager,** *Reuters Enterprise Platform (REP)*

* Integrated financial markets applications (3000 Xtra, DataScope Select, DataScope Equities) into the EDM framework
* Interpreted and Created custom mathematical calculations (EWMA-Exponentially Weighted Moving-Average, Volatility Smiles) to help track Market Risk and instructed IT teams on their implementation
* Managed Remote Testing QA teams, their budgets, and instructed staff on complex financial instruments
* Participated in EDM Council’s Semantics Repository meetings as a subject matter expert

# (Jan 2007 – July 2008) **GOLDENSOURCE - THE CHATTERJEE GROUP (TCG)**

**Senior Business Data Analyst,** *Professional Services Group*

* Performed financial data analysis and data mapping utilizing Bloomberg and custom data models
* Integrated Securities Reference Data and Market Data into Enterprise Data Management (EDM) solution
* Translated financial business requirements into mapping specifications and data needs

# (Jun 2006 – Dec 2006) **MORGAN STANLEY** (Global Wealth Management)

**Senior Business Analyst,** *Strategic Real Estate Planning Administration*

* Gathered Functional Business Requirements for front office strategic initiatives
* Conducted feasibility studies of potential company facilities and presented them to senior management

# (Jul 2005 – Apr 2006) **DEUTSCHE BANK** (Global Market Technology)

# **Senior Business Analyst,** Sales IT Team

# Supported sales marketing internal CRM and Revenue Credit application (Aspen)

**Education:**

**Massachusetts Institute of Technology (MIT)** *- Professional Education*

Data Architect Certification

#### Cornerstone Six Sigma

#### Six Sigma Certification – Certified Six Sigma Master Black Belt (MBB)

#### Villanova University

Six Sigma Certification – Certified Lean Six Sigma Black Belt (CSSBB)

**Thomas Edison State College**

Bachelor of Business Administration (BSBA), Major in Finance