**SUMMARY**

* Enterprise Technology Leader, over 25+ years of consulting and project, program, delivery and account management experience.
* 15+ years in establishing and managing enterprise level large managed services contracts (Development and Maintenance) in Insurance and Financial Services Domain, 8+ years in managing and implementing Digital (Transformation & Custom Development) solutions in managing and modernizing data management solutions, 20+ years in managing Data management related programs and 6+ years in managing Data Governance Programs.
* Have more than 12+ years of proven client management capabilities managing large programs ranging from few million dollars to tens of millions annually. Possess strong managerial abilities and client liaison skills.
* Experienced in Service Delivery, Legacy Modernization, Governance processes, managed multiple lifecycle implementations programs and mission critical applications with large teams across geographies for global customers in onshore/offshore model.
* Extensive experience with Microsoft Azure, Amazon AWS Platforms. Deep knowledge of application software development lifecycle (SDLC), scaled agile delivery process, risk management / mitigation, enterprise governance, data protection, IT portfolio management, and audit compliance.
* A team builder who manages, mentors, educates, and retains “best in class” technology professionals with emphasis in efficiency, development, minimizing turnover, integrity, and respect.
* Conceptualized, Designed, Developed and Sold an ETL Integration Product (Mapping Manager) for Business Analysts (a first of its kind).
* Designed efficient ETL strategies for near real-time loads with an appropriate level of aggregation in order to support near instantaneous response times.

**AREAS OF EXPERTISE**

◊ Program Management ◊ Executive Communication ◊ Vendor Management

◊ Team Building ◊ Risk, Issue & Conflict ◊ Demand, Capacity & Staff

◊ Budget & Forecast ◊ Problem & Incident ◊ Leadership Mentor

◊ Opportunity Identification & Pursuit ◊ Strategic Alliances ◊ Data Management

◊ Business Systems Analysis & Design ◊ Software Deployment ◊ Business Intelligence

◊ Full SDLC Lifecycle ◊ Agile Methodologies ◊ Portfolio Management

**TECHNICAL SKILLS**

Languages C, C++, Visual Basic, SQL, PL/SQL, Shell, .Net, Java script, Java and J2EE

Databases Oracle, SQL Server, DB2, MS-Access, Teradata, Snowflake,

Big Data Hadoop, Cassandra, MongoDB,

Cloud Azure and AWS

ETL Tool’s Informatica, Data Stage, SSIS, SAP DS

CASE Tools ERWIN, Rational Rose, Visio 2003

BI/OLAP Tools Cognos, BO, MSAS, OBIEE, QlikView, Tableau, Power BI, ThoughtSpot

**EXPERIENCE**

**Client: Cap Gemini Nov 2016 – Till Date**

**Role: Enterprise Architect (Data Management)**

* Solution Architect for the Big Data Analytics projects and provide the technical vision & leadership to the team and to Clients.
* Designed and delivered AWS Data Lake solution to a Retail client using AWS services S3, EMR and serverless services like Lambda functions and Glue through CI/CD processes.
* Develop a strong technical team and guide them towards successful delivery of the project.
* Work on cloud based Big Data solutions involving AWS and Azure.
* Interact with clients to understand and translate business requirements to technical solution.
* Developed the overall vision, technical capabilities and roadmap for the strategic program.
* Chaired the Solution Architecture Board in addressing key technology decisions/issues on the program.
* Led various due-diligence and decision efforts for BI reporting tools, Common Data Warehouse platform, Integration platform, vendor packages and open system technology selection.
* Strong Financial (Investment Banking) domain experience and managed large scale transformation, upgrades, support, development & testing engagements of fixed fee, capacity based and Time & Material contracts with focus on driving financial and other key organizational goal attainment, driving process improvement and business transformation initiatives, and cross-functional project work.
* Architect and technical guidance for data science using Big Data in Azure, AWS cloud environments.
* Communications – C-level, managers, and staff – appropriate content for the level to build understanding of solutions, operating models, and metrics. Roadmap development.
* Developed a POC for Snowflake vs Azure Synapse for data warehouse implementation.
* Developed a Data Vault modeling strategy to implement in Snowflake.
* Architected and Implemented Azure Server less automated File processing to process thousands of files.
* Implemented Cost efficient data loading design into Snowflake for various business units for various requirements.
* Hands-on proof of concepts (POC), training of teams for coding standards and controls, and in-depth troubleshooting of systems, and application functions.
* Revamped Data management function and pipeline strategy to modernize legacy systems using azure cloud implementation and strict validation criteria, monitoring tools, and developed an enterprise wide system of reference for all applications.
* Implemented enterprise wide CI/CD using Azure DevOps implementation.
* Effective advocacy between IT and the business, leveraging existing investments, and implementing right-sized innovative and scalable technology solutions

**Client: Human & Health Services Commission, State of TX, Austin Oct 2015 – July 2016**

**Role: MDM/Data Architect**

* Review HHS Enterprise Metadata Repository implemented by EDG.
* Review Architecture, Design and deliverable of HHS Enterprise Master Data Management (MDM).
* Review and propose the design, implementation and management of security access roles and privileges for all types of metadata and master data consumers.
* Participate in the development of processes and guidelines for Metadata management – change management, metadata access and sharing. This will include processes and capabilities for versioning all forms of metadata.
* Represent EDW for all metadata and MDM activities performed by the Office of the Chief Data Officer (OCDO) and EDW Design, Development, and Implementation (DD&I) vendor.
* Coordinate MDM program activities for the Member and Provider data domains Conduct source system analysis, and data profiling for lifecycle management using Informatica MDM and IDQ.
* Participate in Data Acquisition strategy for EDW.
* Participate in design and deliverable reviews as needed.

**Client: Otsuka Pharmaceuticals, Princeton, NJ Sept 2014 – July 2015**

**Role: MDM Architect**

* Define the required attributes for each domain to support a robust and successful deployment of MDM platform.
* Define and implement requirements for data matching and merging rules, survivorship criteria and data stewardship workflows in MDM tool.
* Involved in designing and developing of Party, Product and Alignment data model.
* Thorough understanding of deterministic and probabilistic matching methodologies and master data hierarchy management.
* Collaborate with the Enterprise Architecture teams (data integration, data architecture, business intelligence) to develop and deliver MDM solutions.
* Work with Architecture Review Board and Change Approval Board for technical reviews and approvals through the system development life cycle.
* Created Data Sources for the Data Import and List of Values Validations
* Designed and Implemented Data Quality processes to cleanse the data
* Designed and Implemented Profiling and Data Quality using IDQ.

**Client: HEADSTRONG AUG, NEW YORK, NY Aug 2011 – Mar 2014**

**Role: Sr. Principle Architect**

* Architected data management solutions for various financial clients.
* Lead and perform current state analysis on legacy reporting platform and developed a new robust architecture for the increasing needs of business with the capabilities of Fail over, reload, error tracking, exception handling, and Taxonomy and Metadata management. Architected the solution using Informatica MDM for crating Master Data Repository.
* Responsible for Project Management, Milestones. Involved in Defining Static and Reference Data Domains, Enterprise Data Architecture (EDA) Vision for Insurance firm. Prepared Business case, executive summary on Future State Vision and Road map.
* Architected a solution for an Enterprise Data Quality (EDQ) framework. Serialize Information flow from disparate source feeds into Integrated Platform on various database platforms like Oracle, Teradata and SQL Server.
* Manage the team during transition phases.
* Developed a strategy to migrate members, claims history and other information from Recap adjudication platform to RxClaim. Making the data available for Case retrospective and intervention activity, where the claims are analyzed based on the various business rules and determines the drug interventions for CVS Client.
* Created a roadmap to migrate the complete technology platform to SQL Server based tools.
* Evaluated and Demonstrated and showcased various ETL and BI tools for large Insurance clients.
* Architect, Design, and manage the test harness solution for Test data Generation library, Master Test Data library, automation.
* Builds framework for all aspects of test data and strategy needs with respect to data sub setting, test data generation and automation, data masking and testing methodology to align with or define relevant new TDM Strategy
* Created multiyear phased roadmap for implementing and setting up Data Governance.

**Client: JP MORGAN, NEW YORK, NY Apr 2009 – Aug 2011**

**Role: DW Architect**

* Redesigned Prime Brokerage Master Data solution for Instrument master data (MDM) by sourcing the feeds from Bloomberg, ADP, Routers and other market sources for various asset classes using the Oracle PL/SQL.
* Defined and architected a generic rule based Cross Reference (XREF) approach to match and merge the securities from various sources to define a master security.
* Architected and Designed an Instrument Interest list in PBSD for all consuming applications.
* Integration of the master security feed into PAID and to Geneva.
* Designed and developed a generic data purging component for all database purging process.
* Architected and lead the team to implement a robust and dynamic solution for recon process to decommission the legacy recon process.
* Worked on RACKS enhancements and supported the application in production in production support.

**Client: MORGAN STANLEY OCT 2006 – APR 2009**

**Role: DW & BI Architect**

* Designed various product, Counterparty, Issuer hierarchies to allow the drill down of the cube definition by integrating reference data into Risk system.
* Migrated MSAS 2000 to MSAS 2005.
* Remodeled the database design for increased efficiency for cube processing and query performance by 60% with the MSAS 2005 migration. Developed the OLAP Scribe utility for MSAS 2005 environment to generate the Cube metadata documentation.
* Developed various monitoring tools to gather the usage statistics and monitor processing and query performance.

 Designed and developed a custom Drill through module, using java and SOAP framework.

* Implemented the load balancing and clustering solution for MSAS 2005 environment.
* Designed and developed custom data model to implement Dynamic security in MSAS 2005.
* Implemented the single cube project solution with the use of perspectives for various business units.

**Client: EDS, PLANO, TX Apr 2006 – Oct 2006**

**Role: ETL Architect**

* Analyze source systems and understand source system applications with the help of PTS Business Analysts.
* Created ETL Architecture and source system analysis document for the Project. Interacted with Informatica Administrator group, source system and Data warehouse DBA’s and source system application owners.
* Design data model for PTS Metrics data warehouse using Erwin
* Worked with team in preparing Source to Target Mapping and unit test case documents.
* Designed, Developed and Reviewed ETL mappings from source to staging and from staging to Data warehouse.
* Prepared Test Strategy and coordinated system, integration and user acceptance testing.
* Prepared strategy to implement ETL code in production and load historical data in production.

**Client: HP IPG-IT, BOISE, ID Sep 2004 – Apr 2006**

**Role: DW & BI Architect**

* Produced and reviewed High-Level Technical Architecture Design following the development, testing and release processes and strategy documents.
* Implemented the row level security for external business partners to protect the data privacy, which eliminated the need to ftp the reports to partner sites.
* Architected high-level, logical Data Warehouse and Business Intelligence solutions to meet business needs. Created the Sales compensation data mart.
* Providing Project Leadership to the team including production timetable, status reporting, client/project team coordination, and quality assurance.
* Defining and achieving client needs through one-on-one sessions and on-going communication. Defect tracking, organizing project assets, and reducing time to generate the quality and delivery metrics.
* Establish architectural standards and best practices for enterprise business intelligence tools and solutions.
* Work directly with business partner, end-to-end, development, and quality teams throughout the entire SDLC to create requirements, architecture, design, test strategy, and implementation documents.
* Work with sr. management and business leaders and all aspects of information technology (IT) to ensure there is a business intelligence strategy and road map to accomplish the goals of the business.
* Superior expert level guidance and vision for Enterprise Information Management principles (data lineageand governance).
* Providing the technical consulting to the project team and BI Practice and participating in the review sessions of the RFP’s.
* Writing SQL queries for a customized reporting on Informatica metadata. Reviewing the Call Center data mart with business to add the new dimensions into data mart.
* Creating the various data marts and dimension models using MOLAP/ROLAP and HOLAP.
* Creating an ad-hoc universe using Business Objects6 Designer to cater the Ad-hoc reporting requirements. Implementing the Business Objects Broadcast agent to schedule and ftp the partner specific reports. Streamlined the release process by creating the various release templates and the checkpoint documents.
* Mentored other developers and trained the business team in DW concepts, processes, and technologies Possible.
* Created the Virtual Cubes to join the cubes of different granularity. Have created the numerous numbers of Calculated Members and Calculated Measures to implement the rolling and snapshot averages.

**Client: HP Global eBusiness Operations Pvt. Ltd., Bangalore, India Nov 2003 - Aug 2004**

**Role: Data Modeler & Lead Developer**

* Created Logical Dimensional models and data marts, using Erwin.
* Created the Physical model from Logical model using Erwin and applied all the database characteristics for Oracle Database.
* Created mappings and mapplets using various transformations of Lookup, Aggregator, Expression, Stored procedure, Sequence Generator, Router, Filter, and Update Strategy.
* Extensively used PL/SQL programming in backend and front-end functions, procedures, packages to implement business rules.
* Created, Configured and Scheduled the Sessions and Batches for different mappings using Workflow Manager and UNIX Scripts. Interacted with end users to identify key dimensions and abstracted quantitative metrics feasible in deciding business solutions.
* Worked on the performance tuning of the programs, ETL Procedures and processes. Involved in Testing & Performance Tuning of various mappings. Designed and developed standard reports using Business Objects. Responsible for training the end-users. Involved in technical documentation.

**Client: AETNA INC., USA Oct 2002 - Oct 2003**

**Role: Performance Tuning & Migration Developer**

* Created Mapping Design document to transfer data from source system to data warehouse.
* Development of Informatica Mappings, Sessions, Worklets, Workflows.
* Created Complex mappings using various transformations using Informatica.
* Scheduling of Informatica Jobs through Shell script.
* Migrating form Informatica Power Center 5.1 to Informatica Power Center 6.2
* Wrote Shell Scripts to monitor load on database and Perl Scripts to format data extracted from Data warehouse based on user requirements.
* Prepared a process document from moving Informatica code from Development to Production.
* Developed Informatica Mappings and Reusable Transformations for Daily, Weekly and Monthly Loading of Data.
* 80% of user-defined functions (consists of business logic) are converted into simple/complex SQL queries to process the huge volumes of data in considerable period.
* Achieve client needs through the defined process and an ongoing communication.
* Tuned the Pl/SQL stored procedures using the PL/SQL Profiler.
* Responsible for requirement analysis, design, and implementations using the various web and database technology solutions.
* Reviewing and analyzing the stats pack report for the resource usage of the application and to consider other aspects for the performance tuning.

**Client: ORILLION INC., HOUSTON, TX Nov 1998 - Aug 2002**

**Role: Project Lead**

* Managed the DBA team comprises of 8 people (local and remote) for the development, QA and customer support.
* Responsible for installation and up gradation of the Oracle server and application tools on various platforms, included Windows, Linux and Solaris. Extensive database and application tuning using explain plan, SQL trace, and stats pack.
* Planned and created database instances, managed storage based on design and managed advanced securities.
* Advanced partitioning and indexing implementation for Alarm Data.
* Highly involved in the implementation of various advanced features (like Materialized views, Dimensions and Analytical functions etc. of Oracle database to improve the performance of the application.
* Developed the various PL/SQL stored procedures to migrate the application schema to the newer application versions.