



BHARAT SAIN

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- **U.S. Work Authorization** : US Citizen
- **Desired Job Location** : Anywhere
- **Job Level** : Mid-Higher Management
- **Highest Degree Attained** : Master Degree
- **Availability Date** : 2 weeks' notice
- **Willing to Travel** : Yes, 25-35%
- **Willing to Relocate** : NO
- **Current Location** : Frisco, TX

SUMMARY

- Highly effective Architect and Lead with over 23+ years of experience specializing in working with Business data including big data, cloud, and analytics platforms.
- Diversified and enterprise level experience in aligning, translating business process automation with repeated success in leading and implementing best practices.
- Experienced in implementing and supporting large scale and enterprise level operational Business / Business Intelligence systems, Big Data, Data warehousing, database analysis, functional / design specifications, coding, system testing, implementation and post implementation data support.
- **Strong expertise in Data management, Data Integration, Data Analysis, Data Quality, Data Governance, and Master Data Management** along with expert ability to successfully implement end-to-end architecture and design for big data, Hadoop eco system, cloud, data warehouse and business intelligence.
- Working experience in the **multiple Business domains (20+)** → Airport & Air Transportation, Aviation & Aerospace, Beauty product Tech Company, Cloud Data Center & Cloud, Service & Delivery, Computer & Network Security, Computer Hardware, Computer Software, Food & Beverages, State and county Administration, Health Care, Hospital & Health Care, Hospitality and Casinos, Information Technology & Services, Insurance Company, Internet trading virtual assets, Investment advisement, Jewelry Retailer, Oil, Gas & Energy, Semiconductors, Tele Dentistry & Medical Equipment / Supplies, Telecommunications, Transportation/Trucking/Railroad, Utilities.
- Data Architecture & Design
- Information Technology Management.
- Business Intelligence Technology.
- Software & Application Lifecycle Management.
- Client & Server Technology.
- Business Process Improvement.
- Resource Management
- Technology Architect, Development, and Upgrade.
- Data Quality Assurance.
- Relationship Building.
- Pre-sales activity and support
- Executive & Account Management.

TECHNICAL SKILLS

Languages	SQL, Oracle PL/SQL, XML, C, C++, BASIC, COBOL.
Integration, Data warehouse Tools	Informatica Axon 7.x, Informatica Enterprise Data Catalog 10.4, Informatica Developer (IDQ) 10.4/9.6.1, Informatica Data Analyst (IDA) 10.x /9.6.1, Informatica Master Data Management (MDM) 10.4x/9.7.1, Informatica Data Director (IDD) 10.00/9.7.1, Informatica Power Center 10.4x/9.7.1/9.6.1/9.5.1/9.1.0/8.6.1/7.1/6.2 /6.1/5.1/4.7, Cognos, Business Object, Brio - Query designer v6.1, MS SQL Server OLAP Services, SQL Server Management Studio (SSMS) - Relational model and SQL Server Reporting Services (SSRS) - Report automation/scheduling, FME Desktop / Server 2019.2x, Informatica BDM 10.1.0/10.1.1,
Databases /Tools	Teradata 14.00/15.00, Oracle 7.x/8.x/10g/11g, SQL Server 2000/2008/2012,7.0, DB2/6000 6.1, Informix, Sybase, Microsoft Access 97/2000/2010, Golden32 / TOAD 7.6/ 10.6 (DB access tools),
Data Modeling	Both entity relationship and star-schema using Erwin 3.5.2/9.0
ERP / Application	Siebel, SAP ECC, SAP MDM, SAP CRM, Oracle Business Intelligence Application, Salesforce, Cloud9, Callidus, Salesforce, Marketo, Dell Boomi, Healthcare applications - Meditech, Cerner, Athena, McKesson, and Affinity applications.
Application Development	Visual Basic 5.0, Developer 2000
Other Skills	ERP (SAP-ABAP/4), MS Office component
Operating Systems	Sun Solaris 6.x, HP UNIX 11.11, IBM AIX 4.x, Windows XP/ME/2K/NT/98.

EDUCATION

- ☑ MS (CIS), Institute for Technology and Management (*Academic Association with New Hampshire College, Manchester*).
- ☑ BS (Physics Hons. + Computer Programming), University of Bombay, India.
- ☑ Diploma in Master of Computer Science, Bombay, India.

CERTIFICATIONS

- ☑ Implementing & Designing Database using Microsoft SQL Server 7.0 @ NIIT, India.
- ☑ Data warehouse specialist from Brain Bench.
- ☑ BiZZdesign Enterprise Studio® Basic & Advanced eLearning.
- ☑ Hands On Essentials - Data Warehouse from Snowflake.
- ☑ Foundations: Data, Data, Everywhere from Coursera.
- ☑ Microsoft Azure Fundamentals (AZ-900) from LinkedIn.
- ☑ Salesforce Essential Training from LinkedIn.
- ☑ ServiceNow: Basic Administration from LinkedIn.

Informatica Certified CONSULTANT

- ☑ Informatica Certified for PowerCenter 7.x / 8.x in Mapping Design.
- ☑ Informatica Certified for PowerCenter 7.x / 8.x in Advanced Mapping Design.
- ☑ Informatica Certified for PowerCenter 7.x / 8.x in Architecture and Administration
- ☑ Informatica Certified for PowerCenter 7.x / 8.x in Advanced Administrations.
- ☑ Informatica Certified for PowerCenter 7.x / 8.x in Enablement Technologies.
- ☑ Informatica Data Governance and Privacy Foundation level.
- ☑ Informatica Cloud Data Integration for PowerCenter Developers, Foundation Certification.

Business Object Training program @ SAP KDC

- ☑ Business Object Web Intelligence XI Report Design @ San Jose, CA

SAP Training program @ SAP KDC

- ☑ BW310 BI - Enterprise Data Warehousing (SAP KDC @ San Francisco, CA)
- ☑ BW350 BI - Data Acquisition. (SAP KDC @ Atlanta, GA)

Corporate Training Program and certification in ITILF

- ☑ Information Technology Infrastructure Library Foundation Certified (ITILF)

Callidus Software Corporate Training Program @ Austin, TX

- ☑ TrueComp Concepts 5.x web-based training.
- ☑ TrueComp Fundamentals 5.x.
- ☑ TrueComp Workshop 5.x.
- ☑ TrueInformation Administration 5.x.
- ☑ TrueComp Custom Report Writing (Advanced) 5.x using Actuate eReport Designer Professional.

Matherpoint Training Program @ Dallas, TX

- ☑ Oracle Business Intelligence Enterprise Edition 11g Edition (OBIEE) Core Training from Matherpoint.

Center For Development Of Security Excellence (CDSE)

- ☑ Certificate of Training OPSEC Awareness for Military Members, DoD employees and Contractors.

FME Certified Professional

- ☑ Officially recognized by Safe Software as a Certified FME professional.

PROFESSIONAL EXPERIENCE

Uber Technologies, San Francisco, CA

Sept 2021 – Present

Uber engaged salesforce to develop a business-to-business MDM (Master Data Management) and EIM (Enterprise Information management) roadmap that supports federating B2B customers records across the line of Businesses (Uber Delivery/Eats, Uber for Business (U4B), Uber Transit, Uber Freight (Shipper / Carrier), Uber Growth, CommOps (Org 8), LERT) into a flexibility modelled customer master records and resulting hierarchies. The solution to provide data assessment, data governance and management, data quality and remediation process and transformation, throughout the customer lifecycle; from the initial lead intake, account management to ensure the most up to date information is presented to the user when interacting with customer.

Role: Informatica / Data Architect Consultant.

Responsibilities:

- Participated in the requirements gathering sessions, design and architecture reviews and other project activities in collaboration with Uber team members to support project delivery
- Participated in requirements gathering activities related to data deliverables for all Uber Line of Businesses.
- Provided data design and architecture expertise in the development of the data deliverables, including the Data Stewardship Framework, Data Cleansing recommendations including standardization and plan, Data Model, Data Dictionary and Current to Future State Data Map.

- Developed and executed data profiling, data quality analysis and captured results for requirement/user story sessions recommendations and plan, Data Model, Data Dictionary and Current to Future State Data Map.
- Worked with Uber internal resources to establish data deliverables and plans, define and manage requirements, and collaborate on elements of design and architecture.
- Participated in findings gaps and data anomaly business case scenario for Uber lead, Account, Billing location, contact, opportunity, Organization objects and process gap using self-sign up, Web campaigns, or sales team manual entry.
- Worked closely with the Business in gathering the Match rules, developed & configured trust matrix, match path, match columns, match rules (Exact and Fuzzy).
- MuleSoft integration platform as a service, API management, Master Data Management and data preparation and real-time and batch integration to load data in/out of the MDM using REST API to the Downstream systems.
- Hierarchy manager creation & configuration of new Entity/ relationship objects for the Customer and product.
- Informatica MDM Customer 360 for Salesforce solution to eradicate duplicate, inaccurate, and incomplete leads, account, and contact records. Verifies email, phone, and address information, eliminates duplicates at point of entry, and automatically detects and corrects erroneous data found in the Salesforce platform.
- Participated in mastering the value which define unique customer records across the data life cycle (Leads, Accounts, Customer, Organization onboarding)
- Informatica Data Quality (IDQ) for the data profiling, rules, verification process (supported by a shared set of data cleansing, data enrichment and/or data standardization API calls as hosted by MuleSoft) prior to record insertion to salesforce).

Environments: Informatica Customer 360, Informatica Data Quality 10.4, Salesforce platform Concierge, Slack, Lucidchart diagram, Tableau, Uber Salesforce Org for Delivery/Eats, U4B, Freight, Transit, Health, Growth. Uber Query builder (QB web-based SQL client), Hive db, Atlantis Presto distributed SQL query engine, Attacama, Talend open studio for Data profiling and Data integration

American Modern Insurance Group (AMIG), Cincinnati, OH

Jan 2021 – Aug 2021

American Modern is a widely recognized specialty insurance leader and delivers specialized products and services for residential property – such as mobile homes and specialty dwellings – and for consumers in the recreational market, including owners of boats, personal watercraft, classic cars, motorcycles, ATVs and snowmobiles. AMIG has a legacy data warehouse including Guidewire's Data Hub / AIIMS for the claims and policy subject area. Pricing and Reserving Platform (PRP) which were built primarily to consume the legacy data warehouse data and implement IAP informatica model with dashboard capabilities to baseline Claim, Policy, Agency, Premium and Product subject area overview. AMIG Analytics data platform includes data warehouse and a set of data marts, and PowerBI visualizations to support the Company's long-term Data and Analytics strategy. Provider will leverage their Insurance Analytics Platform (IAP), which is a set of pre-built accelerators, a data model and visualizations designed to make this type of installation move much quicker and more straightforward. An additional objective was to build out the Azure Cloud environments which will support the data warehouse and associated data marts in cloud platform.

Role: Senior Informatica Architect Consultant.

Responsibilities:

- Participated in the conceptual, logical and physical models and also, defining standard naming convention for the Standard, Transient and AMIG_DW, Data Mart, and tabular model.
- Responsible for defining data availability requirement by table, data types including data load approach and load sequence / timeline for the Claim, Policy, Agency, Premium and Product subject area.
- Responsible for the source to Transient to Datawarehouse to Datamart/Tabular ETL development efforts and leading team.
- Responsible for the data quality and error handling and exceptions routed to data owners for any resolution.
- Implemented ABC (Audit, Balance, and Control) framework with reusability maplet/transformation and sessions in all other subject areas.
- Leading ETL team, ETL plan, monitoring, mentoring, and tasks assignment to the offshore development team.
- Responsible for defining and implementing ETL strategy and administration of the Informatica Power Center workflow automation including static & dynamic parameter files generation.
- Informatica PowerExchange for the change data capturing (CDC) from Source Oracle to Target SQL Server and mapping using Informatica PowerCenter.
- Implemented Bitemporal dimensional Begin/Effective valid time and transaction time using 2 inserts and update functionality for intra batch loop on going or historical changes.
- Analyzing an existing SSIS Patterns and design future Informatica patterns, develop core package framework which delivers production ready code focused on Claims and Policy related tables.
- Responsible for Day-To-Day operations of the ETL team and ensuring all concurrent track/projects are up and running on time.
- Created ETL best practices design documentation to support coding standards, ETL design, source-target mapping, object migration forms, and ETL test plan.
- Came up with core design for the change hash algorithm using SHA256 functionality and this was critical for the Bitemporal stored procedure to determine changes for bitemporal valid begin/end timeline in the target objects.
- ETL automation to load data from Legacy source system Datahub / AIIMS for Claim, Policy, Agency, Premium and product data into integration layer - Transient to Data warehouse to Data Mart / Tabular analytical model.
- Used Informatica Designer to import the sources, targets, create various transformations, mappings for extracting, transforming and loading operational data. XML import/export for migration. Transformation and mapping using Reusable source & target information, maplets, filter, Expression, Lookup, Joiner, Update strategy, Sequence generator transformation. Informatica repository administration and custom object migration/deployment from DEV to QA to PROD environment.
- Responsible for the working with Data Analyst to capture requirement in SQL script and DTM document and transforming into ETL Technical specifications, Source to Target mapping, unit testing, Issue logging, Deployment / run book from DEV to UAT to PROD env.
- Daily IAP meeting and using Azure DevOps Epic, Theme, Tasks and Bugs for developers and project manager to contribute to build status.

Environments: Informatica PowerCenter 10.4, Informatica PowerExchange Change Data Capture(CDC) 10.2/10.4, Informatica Data Quality (IDQ) 10.4, Microsoft Azure DB instance of SQL Server Management Studio (SSMS) v17.91, Oracle SQL Developer 19.x, Subversion (SVN) 1.x, WinSCP 4.2.9, Microsoft Azure platforms, BMC Control-M v9.0, Microsoft Power BI 2.9 –Business data analytics, Source Systems – AIIM (Legacy EDW), Guidewire Data Hub, EDC (Enterprise Data Consolidation), EDR (Enterprise Data Reference), OSPA (Off System Processing Application), Manual Data (Actuarial Data), OVOT (One Version of the Truth), RADAR, RESQ.

Shell Oil & Energy, Houston, TX / UK

Nov 2020 – May 2021

Royal Dutch Shell, commonly known as Shell, is a British-Dutch multinational oil and gas company incorporated in the United Kingdom as a public limited company. One of the largest energy trading operations in the world. Global network of supply and distribution activities and trading crude oil, refined products, chemical feedstocks, and environment product. Business requirement to implement Counterparty life cycle management and set future landscape to on boarding of Counterparty of Trading & supply business unit including screening, compliance to facilitating both external and internal suppliers / customer details in to Shell platform. Informatica MDM tool is used to solve one key business problem of having multiple versions of counter party data with no trust on any system across 28+ source systems with no appropriate due diligence, screening and compliance set for onboarding Counterparty records.

Role: Informatica MDM / Data Architect Consultant.

Responsibilities:

- Responsible and overseeing MDM design and data architecture to drive solution architecture decisions, collaborating with client in designing the MDM Architecture road map.
- Participated in Implementing Informatica MDM for Trading and Supply counterparty data design and development work for Line of Business (LOB), Business role, Commodities, Trading desks, Address type, and Shell companies across the globe.
- Participated in requirement gather guidance to perform data quality analysis and data governance on Trading and Supply data for CP data, Portal, and CLCM program including Counterparty golden record and cross reference integration to the end systems.
- Worked closely with Business SME & Solution Architect for requirement gathering for single source version of truth, trust survivorship, standardization, hierarchy management and master match and merge requirement for Counterparty, CP Scope, Address. Etc. Business Entities counterparty onboarding, screening, sanction, compliance requirement gathering.
- Participated in Azure data platform design (loading, raw, and enriched harmonized) to extract source system data (STRATOS) for initial load including Azure Data Lake Storage (ADLS) and batch integration processing using Azure Data Bricks and Azure data factory (ADF).
- Identify areas of data quality improvements and helps in resolving data anomalies through the appropriate choice of error detection and correction, process control and process design strategies including Data profiling and IDQ rules.
- Participated in onboarding and automating of BDD (Basic Due Diligence level of KYC) in including other due diligence in multiple springs
- Informatica MDM on Microsoft Azure platform and used hub console schema, provisioning tool, ActiveVOS workflows to creates tasks for business managers and data stewards, Business Entity e360 for T&S Customer data model Base Objects and lookups.
- Worked closely with the Business in gathering the Match rules, developed & configured trust matrix, match path, match columns, match rules (Exact and Fuzzy).
- Mulesoft integration platform as a service, API management, Master Data Management and data preparation and real-time and batch integration to load data in/out of the MDM using JMS Message queue, REST API to the Downstream systems.
- Hierarchy manager creation & configuration of new Entity/ relationship objects for the Assets, Facility, and Tenant hierarchies.
- Security Access Manager (SAM) in MDM Hub console and creating roles and user's permission.
- Informatica MDM Customer 360 for Salesforce solution to eradicates duplicate, inaccurate, and incomplete account, person, and contact records. Verifies email, phone, and address information, eliminates duplicates at point of entry, and automatically detects and corrects erroneous data found in the Salesforce platform.

Environments: Informatica Master Data Management (MDM) 10.4, Informatica Data Quality (IDQ) 10.4, Microsoft Azure DB instance of SQL Server Management Studio (SSMS) v17.8.1, Oracle SQL Developer V19.1.1, Microsoft Azure platforms, kycportal, Mulesoft Integration platform, BizzDesign, PowerDesigner, Source Systems – Goldtier, Align, SAP Systems (Stn SAP, TSAP), Nucleus, Endur G&P, Endur Oil, SLMT, DEX, ..etc Legacy Systems.

Project: Smile Direct Club, Inc., Nashville, TN

May 2020 – Nov 2020

SmileDirectClub, Inc. is a Medical Equipment & Supplies company and provides medical technology platform. The Company provides SmileCheck, which is a tele dentistry platform for doctor monitoring and communication. The Company provides clear aligner therapy treatment through its tele dentistry platform. Its aligner treatment addresses the orthodontics market. The Company has a network of approximately 240 orthodontists and general dentists across the United States, Puerto Rico, Canada, Australia and the United Kingdom. The Company provides customer care to its members through a variety of communication channels, including its Website, phone, chat, e-mail and social media. SmileCheck platform is a central data repository for all medical records, business transactions and member communications. SmileCheck provides online portal that allows for remote access to treatment plan information. The Company offers aligners, impression kits, whitening gel and retainers.

Role: MDM Architect Consultant.

Responsibilities:

- Responsible and overseeing MDM design and architecture to drive solution architecture decisions, collaborating with client in designing the MDM Architecture road map.
- Provide guidance to perform data quality analysis and data governance on large and complex data sets like Item / Product, Location, and Vendor / Suppliers as well to leadership and technical team throughout the implementation.
- Identify areas of data quality improvements and helps to resolve data quality problems through the appropriate choice of error detection and correction, process control and improvement, or process design strategies including Data profiling and IDQ rules.
- Data validation, data standardization and create an item/location/vendor integration to MDM using Webservice REST Business Entity Services.
- Dell Boomi Integration process from NetSuite to Coupa for PR/PP and other downstream systems by sourcing batch as well as real-time solutions via JMS message queue and writing into NetSuite.
- Worked with different stakeholders including the executive, product, data and design teams to assist with data - related technical issues and support their data infrastructure needs.
- Design business process workflow to support data governance and data stewardship requirement.
- Monitor, analyze and participate in Business requirement review, data loading, data modelling etc.
- Informatica MDM on Microsoft Azure platform and used hub console schema, provisioning tool, ActiveVOS workflows to creates tasks for business managers and data stewards, Business Entity e360 for Product and Customer data model Base Objects and lookups.
- Developed MDM mappings using various cleanse and other functions and map from landing to stage.
- Worked closely with the Business in gathering the Match rules, developed & configured trust matrix, match path, match columns, match rules (Exact and Fuzzy).
- Created cleanse function, constants, conditional execution component to build mapping and re-usable cleanse component from landing to stage.

- Dell Boomi integration platform as a service, API management, Master Data Management and data preparation and real-time and batch integration to load data in/out of the MDM using JMS Message queue, REST API to the Downstream systems.
- Oracle NetSuite Import of the Location, Item, and supplier data using native import utility.
- Integration of Salesforce and Informatica Customer 360 for Salesforce health cloud for the Accounts, Customer, Contacts, Leads...etc. Business Entity and synchronization of records, duplicate identification and consolidation and data migration. Creation of the single view of the customers in Salesforce.
- Customer 360 Insights to connect fragmented customer data from various source including Salesforce for social media, web chats,
- Hierarchy manager creation & configuration of new Entity/ relationship objects for the Assets, Facility, and Tenant hierarchies.
- Security Access Manager (SAM) in MDM Hub console and creating roles and user's permission.
- Informatica MDM Customer 360 for Salesforce solution to eradicates duplicate, inaccurate, and incomplete account, person, and contact records. Verifies email, phone, and address information, eliminates duplicates at point of entry, and automatically detects and corrects erroneous data found in the Salesforce platform.
- Call center logs, ecommerce applications, contracts, and analytical data store and synthesizes it into a consolidated 360 customer view that is enriched with deep intelligence to produce insights and is consumable in real time. manages complex relationships between individuals, households, products, and services.
- SharePoint for the document storage, Atlassian Confluence for collaborative workspace with teams and JIRA for the plan, track, and manage agile and development efforts.
- Integrating with EasyPost shipping address API for the address verification by country requirement.

Environments: Informatica Data Quality (IDQ) 10.4, Informatica Master Data Management (MDM) 10.4, Ultimate Software (UltiPro HR & Payroll Software)), SmileCheck (Tesseract), Oracle NetSuite ERP, iCIMS (Talent Acquisition Platform), Coupa (Business Spending Management platform), JBoss Server (JMS Queue), REST API, Dell Boomi AtomSphere (cloud integration platform), SQL Server database v18.5, Salesforce Health Cloud, Informatica Cloud Customer 360 for Salesforce, Informatica Customer 360 Insights, Microsoft Azure, Atlassian Confluence, JIRA, EasyPost Shipping Address API, Okta secure identity management environment.

Verizon Communications Inc., Irving, TX

September 2019 - April 2020

Verizon is a global leader delivering innovative communications and technology solutions. Verizon was facing issues in uniquely identifying addresses and address layover to polygon in LOCUS 1.0 program. Therefore, as a part of LOCUS 2.0 project, Verizon aims to uniquely identify addresses and link shape files (Parcel, Building footprint, 5g polygon) with standardized and golden address. Project was focus on Address & shape/parcels/building/5g polygon data ingestion, cleansing and standardization, data match & merge, Trust matrix, and golden record generation to single source of truth (SSOT) MDM practice where mastering in only one place. This is a Cloud based architecture with orchestration mechanism (NiFi / AWS Data pipeline) used to perform the data ingestion from Source to Golden layer. Scala Spark / FME server used for the ETL one time and CDC data frame work. For API using Java / Microservices architecture.

Role: MDM Architect Consultant.

Responsibilities:

- Responsible and overseeing MDM architecture, Data design and Source-Target Mapping, physical database design, sourcing data from different source systems (13 different sources – i.e. Locus 1.0, FIM, NTAS OOF, Infogroup, Pitney Bowes, Axioms, D & B, Equifax, Co - Star, CoreLogic, Building Footprint USA, 5G Polygon), data transformation, data loading, including phase wise project delivery for data content like addresses, Parcel polygons and building polygons - 5G.
- Data Ingestion and loading both onetime batch and CDC from AWS S3 bucket source to Pre-Staging to Staging and Golden schema on Postgres database.
- Responsible for Source to Target mapping design and development, and document of overall technical architecture to support LOCUS2 project work.
- Participated in the AWS setup on EMR that allows auto scaling by adding EC2 nodes per scaling policy. Also, Amazon EMR, cloud-native big data platform is used to process vast amounts of data quickly using open source tools such as Apache Spark and coupled with the dynamic scalability of Amazon EC2 and scalable storage of Amazon S3 for this project work.
- Development of Pitney Bowes process for Address data cleansing and data standardization process and reusability for different sources.
- Feature Manipulation Engine (FME) Workbench development, Transformation, Reader, Writer, Coordinate system, change detection, postgis geo coding and address location-based loading, match merge and trust survivorship rules for Address & polygon using lat, long, Address point and geometry as well as well-known text (WKT) generation for shape files linking.
- Corelogic Parcel, Building Footprint (BFUSA) and 5G polygons (Infovisa, Netscout, Teoco) data processing and loading for all US and international Address s3 buckets state /county wise load automation using FME workbench and spatial relationship with geometry and address point.
- Jenkins tool / GitLab web-based DevOps lifecycle tool to perform CICD pipeline steps for the continuous integration/continuous deployment pipeline features.
- Used AWS Elastic search 7.1 using APIs and Data Stewardship UI for searching address/location information including Address 360 view.
- Participated in decommissioning of Locus 1.0 and migrate all users to Locus 2.x.
- Timely status and scrum meeting with project management team and leadership.

Environments:

FME Desktop 2019.2x, FME Server 2019.2x, Pitney Bowes designer software (Enterprise Designer), PostgreSQL 11.5 / 12 along with GIS extension, Scala and Spark, API java / microservice, UI Verizon UII3 with React Angular, Amazon Simple Storage Service (S3), Amazon Elastic Compute Cloud (Amazon EC2, virtual servers in the cloud), Amazon EMR (Hosted Hadoop framework), Jenkins Slave, Gitlab.

Wynn Resorts, Las Vegas, NV

October 2018 - August 2019

Wynn Resorts owns and operates Wynn Las Vegas and Encore in Las Vegas, Nevada (WLV) as well as Wynn Macau and the Wynn Palace located in the Special Administrative Region of Macau in the People's Republic of China. Wynn Resorts is currently constructing Encore Boston Harbor (EBH) located in Everett, Massachusetts. This is a continuation of an ongoing project OEPRA CMS to enhance the Enterprise Data Warehouse (EDW) project work and to allow multisite data into existing data warehousing systems. This includes the financial transactions data sourced from Opera data source (WLV & EBH) and sourcing data from multiple revenue streams - Hotel rooms, suites and villas booking / reservation, Casino, Gaming, Spa, Golf, Theatre, Entertainment, Restaurants Dining, retail stores, nightclub using Player management, Accounting, Guardian, EZPay, Patron extn.. etc source applications to ODS to Stage to target EDW schema.

Role: Data Warehouse Architect and Informatica Consultant.**Responsibilities:**

- Responsible and overseeing data warehouse architecture, data design, data warehouse implementation process, from business requirements through logical modeling, physical database design, data sourcing and data transformation, data loading, SQL, end-user tools, database and SQL performance tuning including system design, implementation, and administration of all components that make up the Teradata Data Warehouse and Business Intelligence infrastructure, applications and related tools.
- Responsible for the data extraction using Informatica powercenter, MS SQL Server Integration Services (SSIS), and Teradata BTEQ scripts from different sources such as Oracle, SQL Server, Teradata, flat files, Excel, and XML files into ODS, Staging, transformation necessary to recast source data for analysis, and loading of transformed data into the presentation repository. It includes the selection criteria to extract data from source systems using CDC, perform any necessary data transformations or derivations needed, data quality audits, and cleansing.
- Modifying an existing Informatica mapping, SQL jobs, Teradata SQL query, BTEQ script, ETL tools Teradata Parallel Transporter, Fast Load, Multi Load, T pump and Fast Export Script and adding multisite transformation logic to allow data flowing from more than source site data into EDW.
- Modifying existing table specification, joins, indexes, statistics, stored procedures, triggers, macros Capacity Planning, and Performance tuning.
- Worked on one-way integration into salesforce from Wynn Data Systems (EDW) to get view of Players within Salesforce to provide hosts/department heads and Managers visibility of all relevant information about a player and their play.
- Provides expertise and architectural leadership in the areas of Data Governance, Master Data Management, Analytics, Data Warehousing, Scorecards, Dashboards, Business Performance Monitoring and Data Mining.
- SSMS job task creation and schedule and monitor using job agent monitor for jobs from ODS to STAGE to EDW.
- Source to target mapping design and development and document the overall technical architecture to support source to stage to target EDW, extraction, transformation, loading and cleansing of the data.
- Timely status and scrum meeting with project management team and leadership.

Environments:

Informatica PowerCenter Edition 9.6.1 / 10.1, Informatica Developer (IDQ) 9.6.1/10.1, Informatica Data Analyst (IDA) 9.6.1/10.1, Amperity, Cognos, Oracle 12.1.0, MS SQL Server Integration Services (SSIS) 2012, MS SQL SERVER T-SQL and Stored Procedures, SQL Server Management Studio (SSMS) 17.7, SQL Query Analyzer, Teradata SQL Assistant, Oracle OPERA Hospitality, IGT, Player Management, Salesforce.com,

United Technologies Corporation Aerospace Systems (UTAS), MN/GA/FL/NC**September 2017 – October 2018**

UTAS implemented Engineering & Product Lifecycle Management ("PLM") project work to standardize engineering processes and tools across UTAS to drive efficiency across the global engineering functions. The PLM software - **Siemens Teamcenter PLM** is used to manages the workflows to develop, define, update, and house product data. UTAS PLM is a multi-year enterprise wide program to provide a single source of truth for product lifestyle management.

Role: Informatica Specialist and Development Lead.**Responsibilities:**

- Informatica data migration lead to multiple ETL developers and designing, development, automation, and supports on extract, transform, and load data with data quality solution.
- Source to target mapping design (source oracle DB to Staging to Flat file / XML to TeamCenter), development for the phase - 1 source sites - Rome, NY, Burnsville, MN/Vergennes, VT, Windsor Locks, CT/Rockford, IL, Plymouth, UK and Wilson, NC.
- Document the overall technical architecture to support staging, extraction, transformation, loading and cleansing of the data.
- Responsible for the overall documenting the ETL technical specifications for the data migration environment, conversion programs and other technical components in the environment for the legacy Item, parts, Iman Relations, Bill of Material (BOM), dataset (cad, non cad, Proe, Catia..etc), forms, xClass, to target migrated TeamCenter environment.
- Actively and hands on with ETL development and Data Quality, Profiling, Transformation, Reporting, Workflows, Validation and Testing.
- Responsible for the data conversion and data load, ETL cycle approach, identify and finalize the source systems for in-scope data migration items, define mock data load and dry run approach and plan, Loading Approach.

Environments:

Informatica PowerCenter Edition 9.6.1 / 10.1, Informatica Developer (IDQ) 9.6.1/10.1, Informatica Data Analyst (IDA) 9.6.1/10.1, Siemens PLM Team center 8.3/11.3, Oracle 12.1.0, SQL Developer 17.2.0

L'Oréal, New York, NYC**December 2016 – July 2017**

The world leader in beauty, L'Oréal is present in 130 countries on five continents. CRM 3.0 is a transformational corporate marketing initiative for L'Oréal. CRM 3.0 is intended to support and enhance L'Oréal's existing marketing efforts and deliver new innovations that will enable L'Oréal to deliver the right content, customized to the individual, at the right time and place, and through the right channel. Also, help in marking and advertising strategies based on segmented data and 100mn+ consumer data is across channel and brands are all ingested into different touchpoints with CRM 3.0.

Role: Informatica Big Data Management (BDM) Architect & Onsite Lead.**Responsibilities:**

- Onsite Informatica lead to ensure designs, development, automation, and supports on complex applications to extract, transform, and load data with data quality solution. Also, deliver data management best practices in the areas of: Big Data Management, Data Governance, Data Architecture, Reference Data Management, Data Quality Management in Hadoop ecosystems and HDFS clusters.
- Lead offsite development team on the design, development, and implementation of the integration architecture for the enterprise data lake platform.
- Working closely with source system team, and other track to leads technical discussion, handling offsite team, follow up with clients to investigate, analyze, and resolve complex technical problems related to system functions, environment, and procedures.
- Actively involved in all real time as well as batch processing of customer data from Globalscape FTP to Amazon Simple Storage Service (S3) buckets, HDFS, Hive, Cassandra, HBase in Kerberos Cloudera enabled environment.
- Using informatica BDM with smart performance optimizer that is compatible with multiple processing engines, including Hive, MapReduce, Spark, and Informatica Blaze to deliver high volume capabilities in distributed processing of the data,
- Working actively with Informatica profession services for any ticket creation, follow up, bug fixes, timely close on open items.

- Actively participated in the informatica batch development process - source files from GlobalScape FTP location to performs the file/data validation. Further data is transformed to canonicals and later pushed in to Cassandra (Customer Hub). The Customer data is then sent to Reltio for Enrichment and once enriched, it is pushed back to Cassandra as Global View and Brand View. The views are copied to HBase and Anonymized view is sent to Analytics Store.
- Data Integration with Salesforce platforms and complex source file data transformation and parser. Also, making use of technologies like SOAP, REST, XML, WSDL, XSD and JSON data processing.
- Daily integration status and scrum meeting with project management team & solution architect.

Environments:

Informatica BDM 10.1.0/10.1.1, AWS CLI 1.10.12, Amazon simple storage server (S3) 6.4.1, Cloudera 5.8.3, , BitBucket 4.8.7, Jenkins 2.26, SVN, PostgreSQL 9.5.4, PgAdmin 4.1.2,, GlobalScapeFTP 7.3.2, Atlassian Confluence 5.9.7, Atlassian JIRA 7.1.2, Spotfire 7.7.0, Layer 7.9.0, Tibco BW 6.3.4, CA API gateway, Microservices, Java JDK 8.0, Reltio MDM, Hue 3.10 (Hadoop UI), SQL Developer 4.1.5, Oracle db, NoSQL db - HBase, Datastax Cassandra 3.0

Other Assignments (Details available upon request)

August 1998 – December 2016

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|---|--|
| • Texas Children's Hospital (TCH), Houston TX | • Wellington Management, Boston, MA |
| • Sutter Health, Sacramento, CA | • Cingular Wireless, Bothell, WA |
| • DFW Airport, Dallas, TX | • Hewlett-Packard, Houston, TX |
| • Christus Health, Irving, TX | • DPW, State of Pennsylvania, Harrisburg, PA |
| • Signet Jewelers Limited, Akron, OH / Dallas, TX | • AT&T WIRELESS, Bothell, WA |
| • Chesapeake Energy, Oklahoma City, OKC | • Solectron Inc., Milpitas, CA |
| • CA Technologies, Plano, TX | • County of Santa Clara, Santa Clara, CA |
| • McAfee Inc., Plano, TX | • PSEG, Newark, NJ |
| • GE Transportation, Erie, PA | • AlterEgo Networks, Redwood, CA |
| • Kaiser Permanente, Pleasanton, CA | • Hewlett Packard, Atlanta, GA |
| • SanDisk Corporation, Milpitas, CA | • Hughes Tele.com, Mumbai, India |
| • UTStar, Alameda, CA | • |