

Waqar Shareef

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SUMMARY

A seasoned IT and data management professional with extensive experience in designing, analyzing, and optimizing data processes across industries such as energy and technology. Currently consulting data management, supporting organizations in streamlining data migrations, designing dashboards, and ensuring data integrity. Recent projects included data and reports migrating from on-prem to cloud and enhancing data catalog adoption with Collibra.

Significant experience in Databases leveraging TOGAF (Oracle: 7 years, SQL Server: 6 years), Data Analysis, Data Modeling, Data Migration, Data Cleansing, and Data Conversion (10+ years); Data warehouse & Business Intelligence (6 years) including ETL: Informatica, ADF, Dell Boomi; Technical BA, Data Management Design, Solution Architecture and Governance (4 years).

SKILLS

Software/Tools: Power BI, SSMS, Azure Data Factory, DBT, Dell Boomi, REST API, Informatica (Familiar with Informatica Data Quality), Toad, ServiceNow, Visio, LucidCharts, ABACUS, AWS Athena, PowerCARD, Sparrow, BankWorld

Environment: Azure, AWS, Visual Studio, Linux, Unix

Languages: SQL, T-SQL, PL/SQL, C/C++, Unix Shell Script, XML, Python, DAX

Data Platform: Microsoft Azure, Microsoft Fabric, Data Bricks, Snowflake, Collibra, Power Automate, Data Warehouse, Azure Data Lake Storage, PySpark

Databases: MS SQL Server, Oracle, MS Access, NetSuite

Security: Broad understanding of information security and designing solutions with embedded security controls.

EXPERIENCE

Senior Business Data Analyst | ATCO | Calgary, AB | February 2025 – March 2025

- Gathering Requirements for fixing Data drifts between 3 Oracle-based ERP systems.
- Collaborated closely with the Solution Architect to identify the tables needed for data fixes.
- Worked closely with the Solution Architect to develop and refine the medallion architecture for data flow in the new system.
- Interviewing business stakeholders to identify the regulatory and operational reports to migrate to Power BI from sources on the Cloud.
- Recording requirements into JIRA in the forms of Epics and Stories.

Business Data Analyst | TC Energy | Calgary, AB | April 2024 – September 2024

- Conducted technical business analysis for the re-adoption of Collibra as a data catalog by gathering requirements from Dataset Owners and SMEs across TC Energy.
- Executed comprehensive data analysis for the AWS to Fabric Migration project, prioritizing core datasets with the highest usage and visibility.
- Worked with Solution and Data Architects to redesign data lake migration from AWS to Fabric.
- Provided consultation and insights to design and build the **Power BI dashboard** for Projects Status.
- Testing the data separation filter to ensure data isolation between TC Energy and South Bow data.

Data Architect | Suncor | Calgary, AB | May 2023 – September 2023

- As part of Business Simplification Program, I re-evaluated the current Data landscape and documented it in ABACUS. The purpose was to identify data, process, systems, software and licenses redundancies, so that these redundancies can be addressed and cost cutting measures can be implemented.
- Developed new data models and architectures using ABACUS for structured analysis and performance enhancement.
- Reengineered data models and flows with a focus on minimizing redundancies and optimizing cost efficiency.
- Worked with Data and Process owners across to identify redundancies and optimize existing IT Architecture.
- Identified and decommissioned outdated systems effectively by leveraging data analysis methodologies to achieve substantial cost savings of more than \$2.5 Million.

Data Architect | FYidoctors | Calgary, AB | November 2020 – April 2023

- Designed a comprehensive Cloud Migration strategy leveraging Azure Data Factory, ensuring a streamlined transition with over 99% system uptime. Working in SCRUM methodology.
- Solutioned Architecture for 3 environments for DEV, UAT and PROD.
- Performed Database Administration role to create multiple databases, Data Dictionaries, and Data Models and set up users and permissions to implement data governance policies to satisfy information security considerations.
- Redesigning the Business Process for data ingestion, collection, cleansing, processing, storage, archiving, retrieval, and reporting of Patient Data.
- Solutioned data storage architecture to drive more efficient data handling utilizing Azure clouds achieving 95% efficiency in data retrieval speed improvement.
- Implemented advanced data cleansing protocols and streamlined data retrieval processes, enhancing overall data system functionality using ADF and T-SQL.
- Managed and led a team of 4 to migrate from on-prem to and implement the new Master Data Management strategy.
- Created ADF Pipelines to ingest from Azure data lake and process external data into Azure Data warehouse for Business consumption.
- Developed Stored Procedures (T-SQL) for the REST API interface for the e-commerce portal.
- Successfully defined data governance policies, standards, and controls and provided training on data governance best practices and pitfalls.
- Developed Power BI Dashboards in collaboration with business intelligence team to leverage the new environment and improved the reported

efficiency by 95%.

Business Data Analyst | Enbridge Energy | Calgary, AB | October 2019 – June 2020

- The Business Case Project was for the finance Team to evaluate how to prioritize funds for different business units needing the request for funds.
- Identified and mapped business processes to establish detailed functional specifications.
- Analyzed business needs and crafted documentation conveying valuable insights to both business and IT teams using Microsoft Visio and Lucidchart.
- Developed wireframe, and the data visualization requirements and developed and maintained **Power BI dashboard**.
- Identified and collected data from multiple ERPs to fulfill the decision makers reporting requirement.
- Designed data warehouse, ERD, and Data Modeling (Lucidchart), data analysis, and data migration for the reporting data.
- Developed and implemented rapid application development on OutSystems (low code platform).
- Designed solution architecture for the ERP using a hybrid deployment pattern using Azure and on-prem.
- Evaluated industry-leading data integration patterns and vendor-based solutions to modernize Enbridge's data integration capability.

Data Developer/Architect | Yodify Inc | Calgary, AB | October 2018 – June 2019

- Lead the data analysis, quality, and migration for the prelaunch of Yodify's new e-commerce platform.
- Worked directly with IT Manager and the CEO to understand and implement the requirements.
- Consolidated all data by gathering and analyzing redundant data across all heterogeneous platforms.
- Achieved exemplary data hygiene by setting up data standardization measures, increasing data credibility by 90%.
- Enabled significant company savings by effectively improving data processes, resulting in the reducing annual expenses of \$100,000.
- Performed various techniques such as Data Mining and Data Scraping using Content Grabber.
- Executed agile-based data development projects to enhance platform efficiency using SCRUM methodology.
- Performed data migration from legacy system to SQL Server on Azure.

Data and Business Analyst | WeCare Canada | Calgary, AB | March 2017 - March 2019

- Analyzed and captured requirements by conducting stakeholder interviews.
- Evaluated and recommended CRM solutions as per business needs as a long-term solution.
- Architected, implemented, and managed the CRM solution.
- Performed data analysis, data entry, data cleansing, and structuring.
- Coordinated training for the volunteer workforce, optimizing system utilization and functionality using the CRM.
- Analyzed and prepared Data marts for the reporting requirement.

Data and Business Analyst | Alberta Energy Regulator | Calgary, AB | November 2016 - May 2018

- Successfully completed Public Notice of Application project that required AER to publish all license applications received on to AER's website for public notification.
- Identified all categories of license applications AER receives and interviewed the relevant SMEs for requirements.
- Achieved significant efficiency improvements by designing automated data collection workflows and cutting manual data handling of 70% of applications.
- Presented the alternate solution to the panel of Business board of directors for approval.
- Documented project artifacts and deliverables as necessary to sustain formalized data ownership, for Lone Worker Project.
- Prepared user acceptance tests, user guides, admin manuals, and process manuals and gained approvals from the relevant stakeholders.
- Analyzed existing system and post-change data requirements for SAP-HR to WorkDay Migration.
- Created data mapping documents, data models, and Datamart for the dependent applications to consume.
- Created new ETLs (Informatica) to extract data from the Workday system to populate the Datamart.

Business Development Manager | Signs & Imprints | Calgary, AB | June 2015 - October 2016

- Identified potential clients, and the decision-makers within the client organization.
- Generated a 50% increase in sales by employing strategic outreach methods such as direct client visits and identifying gaps in client needs.
- Retained existing ones by offering new products and services.
- Streamlined communication and resources to become the reliable point of contact for client relationship management, leading to an increase in client satisfaction ratings.

Integration Consultant | Groundswell Group | Calgary, AB | August 2012 - March 2015

- Facilitated end-to-end project delivery for Cenovus Energy by analyzing requirements and orchestrating development and support using Informatica and Oracle PL/SQL.
- Facilitated integration of diverse data sources into upgraded SiteView and WellView warehouses with SQL, enhancing overall system accuracy by 90%.
- Executed data staging and design, implemented complex transformations for data marts, and optimized mappings using Informatica.
- Developed using Oracle PL/SQL, creation of tables, materialized views, functions, and procedures.
- Optimized data flow within the warehouse through advanced SQL queries to enhance overall system performance.
- Resolved technical support issues for data integration systems with 95% client satisfaction.
- Supported Business Intelligence team with optimizing backend SQL Queries.

Support Manager ATMs & Switch | Noor Bank | Dubai, UAE | January 2009 - November 2011

- Collaborated with the business strategy team to analyze needs, identify solutions prioritize projects for enhanced market share by leveraging advanced data analysis techniques.
- Conducted in-depth business analysis to craft Business Requirements Documents, fostering streamlined solutions and business productivity enhancement.
- Designed architecture, Implemented and handled new software Products on Card Management System for bank and non-bank customers.
- Activities included data analysis, data integration, and Data Governance, in the enterprise application environment.
- Enhanced PowerCARD Card Management System (COTS) stability and streamlined processes by applying rigorous troubleshooting and optimization techniques, achieving a performance boost of 95% within nine months.
- Managed vendors to ensure the bank's needs for product support and upgrades.
- Served as a member of the change management team to ensure service continuity and minimum downtime during change implementations.
- Successfully conducted, facilitated, and interpreted impact and risk assessments across multiple scenarios.

- Successfully planned, coordinated, and tested disaster recovery & service continuity projects.

Technical Project Manager | Hightech Payment Systems | Dubai, UAE | April 2007 - November 2008

- Managed, designed, developed, tested, and Implemented several Card and ATM-related Projects for banks across the Middle East.
- Performed Data Migration to facilitate banks' to move to PowerCARD.
- Provided Technical Support to clients in the Middle East region.
- Conducted, facilitated, and interpreted impact and risk assessments across multiple scenarios.

Professional Service Engineer | CR2, UK Ltd. | Dubai, UAE | January 2003 - March 2007

- Implemented multiple projects in the Middle East including seamless implementations of CMS and switch interfaces, such as national switch, VISA, and MasterCard using ISO-8583 Protocol.
- Performed pre-sales and business analysis to implement high-security channel banking software solutions for banks in the Middle East.
- Built and maintained valuable client relationships, while providing Technical Support to clients in the Middle East region.

Software Consultant / System Analyst | Otacomp Systems Missouri | Cape Girardeau, MO | August 2001 - September 2002

- Developed application to interface with barcode reader for retail application.
- Provided tech support and data entry services for the clients.
- Built custom computers as per the requirements of the client.

Software Consultant / System Analyst | First Options of Chicago | Chicago, IL | July 2000 - July 2001

- First Options of Chicago is the biggest and busiest options brokerage house.
- Developed information server to interface the Auto-Quote Router to the Philadelphia Stock Exchange.
- Developed the solution on Unix C++ on Solaris 4.4.0.

Software Consultant / System Analyst | Thomson Reuters | Singapore | May 1999 - June 2000

- Developed the information server to receive, reassemble, and transmit the ticker information to the Osaka Stock Exchange.
- Conducted comprehensive requirement analysis, generating detailed specifications for server development using UNIX C++ on Solaris platforms.
- Tools used were UNIX C++ for Solaris 4.4.0, Reflection X, Reuters Specific SSL Foundation Classes.

EDUCATION

Bachelor of Computer Science | Jan 1991 to May 1995
National University of Computer and Emerging Sciences, Pakistan.

CERTIFICATIONS

ITIL® Foundations Certificate in IT Service Management | Jan 2015