**LYUDMILA MARTSENYUK**

1131 Steeles Ave. W., North York, On, M2R 3W8 **(416)665-6304**  **martsenyuk@hotmail.com**

**PROFESSIONAL PROFILE:**

* Highly effective **Business Intelligence Professional/Lead** with over **15 years** “hands-on” experience specializing in **large scale implementations of database solutions, analytics platforms, data warehousing, data integrations, data migrations, reporting solutions.**
* **Extensive experience in designing solutions for Health Care**
* Strong experience in identifying and recommending conceptual, logical, and physical architecture and data governance along with corresponding solution designs. Create and maintain optimal data pipelines and architecture.
* Strong ability to work with business users to understand their vital needs and design appropriate solutions within complex application environments.
* Able to prioritize & manage time to achieve deliverables to schedule/commitments.

**CAREER ACHIEVEMENTS:**

* **National HealthCare Safety Award** from Canadian College of Health Leaders.
* Implemented project, which has been recognized as **Leading Practice by Health Standards Organization.**
* Achieved recognition for my projects from leading publications: **Globe and Mail, Canadian HealthCare Technology, Hospital News.**
* Awarded with **Outstanding Innovation Annual Awards**.

**PROFESSIONAL EXPERIENCE:**

**Systems Architect/Project Leader; Sunnybrook, Toronto** **08/2021- present**

* Lead design of databases, automated solutions to support operational business needs. **(*Tools:* SQL Server)**
* Design and development of **Business Intelligence Solutions**: database/data warehouse structure, **SSAS Cubes, ETL** tools, Reporting Solutions ***(Tools:* SQL Server*,* DW*,* SSAS, SSIS*,* SSRS, Power BI, MS Visual Studio)**
* Design Data Models for Analytical processing, predictive Data Modelling. ***(Tools:* Erwin)**
* Design and develop applications used across the hospital and by external partners. ***(Tools:* SQL Server, TypeScript, Angular, Node.js, GitHub)**
* Provide system production application support.

**Data Architect & Project Manager; Baycrest, Toronto** **02/2010-07/2021**

* Designed complex **Business Intelligence Solutions** and enhancements that are significant in size, complexity and impact; defined project scope and boundaries; developed conceptual and logical models to support enterprise-wide business functions; created system requirements and specification documents
* Designed on-premises **Enterprise Data Warehouse, Analytic Cubes, Advanced Analytic Tools, Performance Dashboards *(Tools:* SQL Server, SSMS, SSIS, SSRS, SSAS, Power BI, SharePoint, Microsoft 365 Suite**)
* Designed solutions in **Microsoft Azure Ecosystem**; migrated on-premises SQL Databases and SSAS Semantic Models into the cloud, set up automated scheduled loads from on-premises data sources to Azure using SSIS and Azure Data Factory
* **Designed complex Power BI dashboards and reports**, set them up in Power BI as a service platform with Azure Data Sources and on-premises data sources through a secure gateway.
* Implemented complex projects that require **Data Migration, Data Transformation, and Data Interfaces from structured and unstructured data sources**
* Designed and implemented MyChart for Baycrest in partnership with Sunnybrook
* Connecting Ontario Site Project Manager
* Performed end-to end work from requirements gathering from clinicians and scientists to data analysis, databases/Cubes structure design and programming. Propose business solutions for management to make better decisions, increase efficiency, and improve patient care.

**Senior Software Developer; PriceMetrix, Toronto 02/2006-01/2010**

*PriceMetrix focuses exclusively on improving the overall business of investment firms with Business Intelligence Solutions.*

*Pricemetrix’s clients: Morgan Stanley, Scotia Macleod, BMO Nesbitt Burns, Desjardins*

* Worked out business modeling and transferred it to a new logical/physical database design servicing Pricemetrix ValueOne Program for **Business Intelligence Reports**. Enforced compliance of data standards to minimize data redundancies and enhance information quality throughout the organization**.** (*Tools:* **SQL Server**).
* Delivered business analytics, logical data modeling (multi-dimensional), query optimization, data load strategies and designs including data transformation and cleansing (*Tools:* **SQL Server, SSIS, MS Visio**)
* Designed complex **Business Intelligence Solutions** and enhancements that are significant in size, complexity and impact; defined project scope and boundaries; performed critical path analyses and set up project priorities; designed and established configuration requirements, evaluated design and technology alternatives; evaluated third-party vendor products to determine their fit with customer requirements; created system requirement and specification documents **(***Tools:* ***SSAS*, SSRS).**
* Designed and Developed **Online Tools Applications** for our clients which is a combination of personalized reports, tools to allow advisors and management to proactively evaluate their businesses and business lines (*Tools:* **ASP.Net, C#, Web Services, .Net Remoting, N-Tier Architecture).**
* Worked closely with end users to identify business requirements for Business Intelligence solutions.
* Provided high level of work quality through all stages of development cycle and willingness to adapt new techniques and methodologies to accomplish tasks with the best productivity.
* Introduced new techniques and methodologies to improve overall system performance and data quality. Designed and implemented Company’s Deployment Processes, Development and Security Coding Standards.
* Provided production implementation and post-implementation support.

**Senior Software Developer; Ralyn Business Intelligence Inc., Toronto 10/2004-01/2006**

*RBI is a Business Intelligence Solution Provider*

* Designed and built OLTP database, developed Bombardier’s Dealership Online Customer Management System,implemented E-Payment, designed database and stored procedures. (*Tools:* **ASP.NET, VB.NET, SQL Server, SSL, Windows Server/IIS).**
* Implemented integration Web Reporting application for Honda and Acura Customer Satisfaction Index survey with Honda E-Biz Portal. (*Tools****:* XML, SSL, ASP.NET, VB.NET**).
* Designed database, developed **Web** **Reporting application** for Honda and Acura Customer Satisfaction Index survey; designed stored procedures. (*Tools:* **ASP.Net, VB.NET, SQL Server).**
* Developed secure Web Services**.** (***SOAP,*****ASP.Net, VB.Net, SQL Server, and Windows Server/IIS).**

**Senior Programmer Analyst; Esunsolutions Group Inc., Toronto 03/2004-09/2004**

* Designed database, developed admin sideforHotel Reservation System Web application**.** (*Tools:* **ASP.NET, C#, SQL Server, Windows Server/IIS),** designeddatabase and stored procedures.
* Designed and developed Web application(Content Management and front side), Shopping Cartfor the National Newspaper of St. Vincent and the Grenadines, designed database and stored procedures. (*Tools:* **ASP.Net, VB.Net, SQL Server, Windows Server/IIS).**
* Designed and developed Content Management system for the official Web site of the Government of St. Vincent and the Grenadines, designed database and stored procedures. (*Tools:* **ASP, VBScript, JavaScript, SQL Server***).*

* Developed Web applicationfor General Consulate of St.Vincent and the Grenadines in Toronto. (*Tools:* **ASP, VBScript, JavaScript, SQL Server**).
* Developed Web Application for Chamber of Industry and Commerce, designed database (*Tools:* **ASP, VBScript, JavaScript, MS Access).**
* Developed Web Application for General Employees Co-operative Credit Union. (*Tools*: **ASP, VBScript, JavaScript, MS Access)**.

**Programmer Analyst; Tayson Information, Toronto 05/2003-08/2003**

* Designed and developed Web-applicationfor database-driven Internet-based Asset Building Management Program (*Tools:* **ASP, VBScript, JavaScript, HTML, T-SQL, SQL Server**)
* Designed and developed application for Construction Cost Estimating System(*Tools:* **Visual Basic, T-SQL, SQL Server, Crystal Reports**).
* Designed SQL Stored Procedures, built database triggers to implement business rules.
* Created User and Technical Documentation.

**EDUCATION:**

***Master of Science in Information Technology Management, Diploma with Honor*, *Polytechnic University****,* ***Ukraine***

***Microsoft Certified: Azure Fundamentals(Issued: May 2021)***

***Microsoft Certified: Azure Data Fundamentals(Issued: June 2021)***

***Microsoft Certified: Azure AI Fundamentals(Issued: June 2021)***

***Microsoft Certified: Professional Developer(Issued: Aug 2009)***

***Microsoft Certified: Technology Specialist(Issued: July 2009)***

**ADDITIONAL TRAINING:**

**Microsoft Azure: Fundamentals**

**Microsoft Azure: Data Fundamentals**

**Microsoft Azure: AI Fundamentals**

**Microsoft Azure: Deliver Integrated Analytics with Azure Synapse**

**Microsoft Azure: Implementing Hybrid Infrastructure**

***Microsoft course 2311: Advanced .Net Web Application Development using Microsoft ASP.NET***

***Microsoft course 2792: Implementing and Maintaining Microsoft SQL Server Integration Services***

***Microsoft course 6234: Implementing and Maintaining Microsoft SQL Server Analysis Services***