# Krzysztof Rogowski

Phone: (647) 608 - 0264
Email: kjrogowski@yahoo.com

## Professional Profile:

- 13+ years of expertise in Business Intelligence Analytics, Data Engineering, and Solution Design
- Skilled in Agile BI methodologies and proficient in Microsoft Azure ecosystem and cloud technologies
- Experienced with Databricks, Synapse, Azure Data Factory, Power BI, SQL Server, Informatica, Cognos, and more
- Proficient in designing logical and physical data models, managing MDM hierarchies, and implementing SCDs
- Strong ability to gather and analyze business requirements, innovate solutions, and optimize processes
- Effective communicator and team player with a track record of successfully managing projects across various industries including Government, Telecommunication, Insurance, and Military sectors

## Academic Profile:

Honors Bachelor of Computer Science with Software Engineering
University of Waterloo – Waterloo, Ontario

## Employment Experience:

**Role:** BI Architect / Data Engineer
**Term:** Feb 2014 to Present
**Company:** Int3grate Tech Inc
**Location:** Toronto, ON, Canada

- Consultant Banking client on integrating trading client on boarding data into new MidOffice Database interfacing with external vendor SIDE and internal systems.
- Completed Design and Development of key modules.
  Utilized SQL Server, C#, JSON, Azure services: KeyVault/Storage/Server.
- Consultant specializing in Azure MS BI Platform, Databricks, Synapse, and Power BI Development, providing expertise to clients.
- Implemented Azure Storage with Databricks Delta Lake and Synapse SQL Pool, enabling efficient data management and ML capabilities.
- Developed Power BI reports on Azure, utilizing Sharepoint.com and SQL Server Services, while optimizing performance using DAX Studio and SQL Server Profiler.
- Conducted Proof of Concept (POC) for Synapse SQL Pool deployment, enhancing client data processing capabilities.
- Contributed as a consultant at an Energy advanced analytics company, focusing on energy usage management for large corporate and industrial clients through advanced analytics and forecasting.
- Utilized Microsoft BI Framework with ASP.NET, REST service, Entity Framework, and SSIS

deployed on Azure Cloud, along with other technologies like Pentaho and MySQL.
- Provided consulting services to a Fashion social media company and a platform similar to 'Uber' for Massage and rehabilitation services.

----------------------------------------------------------------------------------------------

**Role:** Business Intelligence Specialist / Solution Development Team Lead
**Term:** May 2021 to Nov 2022
**Company:** Ministry of Education(EDU) – Community Services Cluster (CSC) - DDSB
**Location:** Toronto, ON, Canada & Remote

- Spearheaded the Housing and Homelessness Business Intelligence (HHBI) project, focusing on modernizing the analytics solution.
- Designed, developed, and migrated solutions using Power BI, Sharepoint.com, and AzureDev Ops.
- Successfully conducted Proof of Concept (POC) migration to Azure, leveraging Azure Data Factory, Synapse, Serverless SQL Pool, Azure Blob storage, and Azure Analysts Services.
- Developed Power BI dashboards and data sets from various sources, employing Power Query, DAX, M, and composite models.
- Implemented Power BI artifacts and workspaces for efficient report management and sharing.
- Proposed and executed Power BI report designs, including formatting, navigation, and JSON templates.
- Implemented Row Level Security (RLS) on Power BI reports to enhance data security.
- Configured automated deployment of Power BI artifacts and scheduled data refreshes.
- Designed complex Power Designer Models focusing on Star schema.
- Maintained Power BI reports, dashboards, and data sets, ensuring alignment with IT standards and requirements.
- Collaborated with business stakeholders to capture requirements and liaised with technical teams to ensure their implementation.
- Facilitated regular meetings with business users, management, architecture, and IT teams to discuss requirements and ensure alignment.
- Coordinated deliverables with various technology teams, led solution design activities, and conducted knowledge transfer sessions.
- Created and maintained key knowledge transfer documents to facilitate onboarding of new team members.

----------------------------------------------------------------------------------------------

**Role:** BI Consultant / Solution Designer / Solution Development Team Lead
**Term:** May 2019 to 2021
**Company:** Ministry of Education(EDU) – Community Services Cluster (CSC) - DDSB
**Location:** Toronto, ON, Canada & Remote

- Played pivotal roles in high-impact initiatives like PERL and the Gallery Hub, integrating external data sources into a unified catalog and modernizing reporting frameworks with Azure BI solutions and .NET-based architectures.
- Led the Housing and Homelessness Business Intelligence (HHBI) project, developing a Land Use advanced analytics solution using the Microsoft BI Stack.
- Designed and developed solutions utilizing Power BI, Sharepoint.com, and SSIS for ETL processes.
- Managed the HHBI portal on Sharepoint/Sharepoint Online, ensuring WCAB AA compliance for internal and external users.
- Successfully completed solution design, development, and deployment, adhering to internal

standards and requirements.
- Established stable code development and deployment processes using Team Foundation Server and later migrated to Microsoft Azure DevOps.
- Implemented complex row-level security using DAX/MDX/Roles within multi-dimensional and Power BI models.
- Collaborated with technology teams to migrate/integrate parts of the solution to Azure for a Hybrid cloud solution.
- Optimized SQL and MDX queries, as well as DAX queries, to improve performance.
- Provided guidance to business users and IT teams on various technical issues and solutions.
- Led development teams following SDLC processes, using a mix of Waterfall and Agile methodologies.
- Designed and built a custom querying solution using .NET framework, ASP.NET, MVC, and web services.
- Created REST API solutions for Azure Analysis Services TAB cube data extraction.
- Produced technical design documents, solution designs, and detailed solution documents.
- Conducted knowledge transfer sessions and ensured documentation availability for new team members.
- Established CI/CD processes in Microsoft Azure DevOps for fast and accurate code deployment.
- Utilized PowerShell for Azure AAD queries and configuration.
- Managed Informatica updates and designed/implemented new Rest API interfaces for specialized use cases.

-------------------------------------------------------------------------------------------------

**Role:** BI Consultant
**Term:** Mar 2019 to May 2019
**Company:** CDIC
**Location:** Toronto, ON, Canada & Remote

- Contracted to temporarily bridge staffing gaps during the recruitment of two full-time positions.
- Provided support for a complex MS BI Analytics solution, managing code and tasks on DevOps while overseeing deployment scripts.
- Resolved ETL production issues related to large daily data feeds for the organization.
- Implemented fixes and additions to calculations, measures, and drill-through capabilities within existing Multidimensional cubes.

-------------------------------------------------------------------------------------------------

**Role:** BI Consultant / Solution Designer
**Term:** April 2017 to Mar 2019
**Company:** Ministry of Education(EDU) – Community Services Cluster (CSC) - DDSB
**Location:** Toronto, ON, Canada

- Played pivotal roles in high-impact initiatives like PERL and the Gallery Hub, integrating external data sources into a unified catalog and modernizing reporting frameworks with Azure BI solutions and .NET-based architectures.
- Actively ensured compliance with Go-ITS Standards by engaging with key teams on infrastructure, security, and privacy.
- Spearheaded the implementation of CI/CD processes in diverse environments, including Unix/Informatica/Oracle and TFS, streamlining code deployment and enhancing solution reliability.

- Led testing efforts encompassing Unit Testing, System Integration Testing (SIT), System Acceptance Testing (SAT), and User Acceptance Testing (UAT) to ensure robustness and user satisfaction.
- Guided stable code development and deployment processes, conducting reviews and providing mentorship to foster team growth.
- Collaborated closely with stakeholders across business, management, architecture, and IT teams to align solutions with requirements and objectives.
- Orchestrated solution design activities and implemented enhancements for ETL and Microsoft BI projects, optimizing query performance and efficiency.
- Produced high-quality technical documentation, including solution designs and architecture documents, to support project success and facilitate knowledge transfer.
- Established streamlined documentation processes and version control repositories in Sharepoint for effective project management and information sharing.

-------------------------------------------------------------------------------------------------

**Role:** Application Designer/ Solution Architect / Dev Lead
**Term:** December 2009 to Feb 2014
**Company:** CIBC - Wealth Management Technology
**Location:** Toronto, ON, Canada

- Led application design and development, overseeing high-level design, sub-component design, solution development, prototyping, and vendor technical solution management.
- Managed vendor development teams and ensured alignment with business expectations to deliver adaptable solutions meeting evolving business needs.
- Designed technical infrastructure for applications, including databases, programming languages, utilities, and testing approaches.
- Offered comprehensive knowledge of platforms and applications across various technologies to support business objectives.
- Conducted analysis of project and technical risks to inform business recommendations.
- Provided application solutions and contributed to vendor selection and evaluation processes.
- Estimated project work effort, particularly in scenarios involving new technology without established guidelines.

-------------------------------------------------------------------------------------------------

**Role:** Metadata Dev Lead / Developer Analyst III
**Term:** October 2006 to November 2009
**Company:** *Telus*
***Location:*** *Toronto, ON, Canada*

- Hand on experience at every level of application development in a variety of projects in the Data Warehouse primarily developing in: Informatica 8.1/8.6 and Oracle 9i.
- Performed role of subject matter expert on three critical systems; namely, the Marketing Data-mart, a reporting system for large customer and a security management system.
- Performed the lead architect role on large initiative aimed at transitioning the support of over 100 applications from a sunset Data Warehouse department to our department. Drove application transition plan, motivated and advised team members.
- Gained experience working on initiatives for Marketing, Finance, Internal administration & management and various reporting initiatives.

# Technical Experience:

BI Suites: Power BI, Power BI Report Server, Databricks, SSAS, SSRS, Cognos 8, 10
Database: SQL Server 2012-2019, ORACLE 8i/9i/10g/11g/12c, DB2 (JDE E1)
ETL Tools: Databricks, Synapse, ADF, pyspark, SSIS, Informatica PowerCenter 7-10, Pentaho, IDQ, Profiling
Languages: DAX, python, MDM, Power Query, M, SQL, PL/SQL (DDL & DML), C#, Power Shell, Java, XML, JSP, HTML & ASP, YAML, BICEP
Other Tech: Azure, Azure DevOps, Azure B&D, GIT, DAX Studio, Tabular Editor, SQL Server Profiler, SQL Server Profiler, PBIDS, Sharepoint.com, Sharepoint, REST API, ASP.NET
 Other Tools: MS Project, VSS, MS Office, Visual Studio 2015, 2017, 2019, MS Visio, ERWin