

# Curriculum Vitae

**Business Intelligence developer, business and data analyst** with over **12 years of work experience** supporting senior management decisions at financial and IT companies. Strong work experience in:

- writing advanced **T-SQL** queries and complex **stored procedures** to create financial **data analytics**
- creating ad-hoc and subscription-based **SSRS** and **Power BI reports**
- creating advanced Extract, Transform and Load (**ETL**) processes using **SSIS** and **Talend**
- managing, developing and maintaining databases on **MS SQL SERVER**
- managing, developing and maintaining **CRM** application
- developing a data warehouse and the underlying data vault model (**Data Vault 2.0**)
- designing and documenting business systems, e.g. the **electronic credit application, credit scoring model**

**Mathematician (MSc)** with solid knowledge of **statistics** including **time series analysis** and **forecasting** as well as statistical methods used in practise to build **credit scoring model**.

## WORK EXPERIENCE

- 06.2022 – present     **RCI Banque SA**, location: remote / Poland, job title: **Senior Data Warehouse Engineer**
- developing data warehouse and the underlying data vault model (Data Vault 2.0) using SQL in Exasol database with DBEaver and ETL processes (Talend Cloud), Apache Kafka, Confluent Kafka, GitHub and Gliffy diagrams in Confluence, Jira environment, Scrum
- 06.2021 – 06.2022     **Liberty Mutual Insurance**, location: remote / Poland, job title: **Business Intelligence Developer**
- gathering business requirements and translating them into technical solutions
  - developing data warehouse using T-SQL on MS SQL Server, AWS and developing ETL processes using SSIS with Visual Studio, CI/CD pipelines, CloudForge and Azure DevOps, BMC Remedy ITSM, ETL Controller in Jira environment, Scrum
- 11.2020 – 05.2021     **PwC IT Services**, location: remote / Poland, job title: **Fullstack SQL Developer**
- creating ETL processes using Talend Open Studio for data Integration and SSIS with Visual Studio in CyberArk, Sourcetree, GitLab, Jenkins, Kubernetes and Jira environment, Scrum
  - developing and performance tuning of data warehouse using T-SQL on MS SQL Server
- Greatest accomplishment:**
- created ETL processes to load and update data in data warehouse from websites/APIs of: Eurostat, World Bank, International Monetary Fund, United Nations, National Bank of Poland and Alfresco from scratch
- 09.2018 – 11.2020     **Elavon**, location: Warsaw / Poland, job title: **System Administrator – SQL Developer**
- gathering business requirements and translating them into technical solutions
  - managing and developing databases on MS SQL Server as database administrator
  - managing report server and creating reports using SSRS with Visual Studio and Power BI
  - managing and creating ETL processes using SSIS with Visual Studio
  - obtaining data related to credit card transactions across Europe from Oracle databases
  - managing and developing CRM MS Access application dedicated for customer account managers and field sales using VBA language for the front end and T-SQL in the back end
  - supporting the requests of CRM and databases users from all European internal markets
  - implementing in the database SME portfolios for all European internal markets
- Greatest accomplishments:**
- restored functionality of SQL Server after previous DBA had unexpectedly left the company
  - migrated data source on SQL Server between CRM MS Access applications
  - shortened the database update time from a week to several minutes
  - shortened the time of implementing SME portfolios from a few weeks to several hours
  - created KPI report from scratch, dedicated to all European internal markets
- 09.2017 – 08.2018     **Beqom**, location: Bielsko-Biała, Kraków / Poland, job title: **Business Intelligence Developer - Database Architect / Programmer**
- gathering business requirements and translating them into technical solutions
  - managing database and creating reports on MS SQL Server using T-SQL, SSRS and Visual Studio in Jira environment
  - supporting requests of top-tier customers and provide them with solutions

- 02.2017 – 09.2017 **Pitney Bowes**, location: Bielsko-Biała / Poland, job title: **Data Analyst / Report Developer**
- gathering business requirements and translating them into technical solutions
  - creating reports using Power BI and SSRS with Visual Studio (TFS environment) on MS SQL Server, Salesforce and SAP S/4HANA databases
- 09.2016 – 02.2017 **Profi Credit**, location: Bielsko-Biała / Poland, job title: **Business Intelligence Specialist**
- creating analytical reports and ad-hoc analysis in MS Excel using T-SQL on MS SQL Server and MySQL, VBA, Talend Open Studio for MDM and Toad for MySQL
  - preparing budget plans for sales and marketing departments
- 08.2012 – 08.2016 **Cooperative Savings and Credit Union**, location: Bielsko-Biała, Tychy / Poland, job title: **Credit Risk Team Leader / Senior Risk Specialist**
- gathering business requirements and translating them into technical solutions
  - building, validating and monitoring credit scoring/rating (PD) model using STATISTICA
  - designing, testing and documenting an electronic credit application
  - designing decision-making process an electronic credit application workflow
  - designing and developing reports in MS Excel using VBA and T-SQL on MS SQL Server
  - estimating costs of living and acceptable Debt to Income (DtI) indicators
  - implementing recommendations of the Polish Financial Supervision Authority
- Greatest accomplishments:**
- built a credit scoring/rating (PD) model from scratch
  - designed an electronic credit application from scratch
  - created two MS Excel applications: “Roll Rates” and “Vintage” from scratch
- 01.2012 – 04.2012 **Kamsoft**, location: Katowice / Poland, job title: **Statistics Developer**
- creating sales reports in the area of pharmacy using Oracle databases

## EDUCATION

- 10.2010 – 01.2012 **Computer Science**  
Silesian University of Technology in Gliwice, Faculty of Applied Mathematics,
- 10.2005 – 09.2011 **Master of Science in Mathematics** / specialisation: **Statistics**, final grade: **5 (very good)**  
Silesian University of Technology in Gliwice, Faculty of Applied Mathematics  
master's thesis topic: Methods of forecasting time series using the STATISTICA package

## TRAININGS AND CERTIFICATES

- certificate of completion *Advanced SQL: Logical Query Processing*, Ami Levin, LinkedIn Learning, 11.2022
- certificate of completion *Microsoft SQL Server 2022 Essential Training*, Adam Wilbert, LinkedIn Learning, 11.2022
- certificate of completion *Microsoft SQL Server 2019 Essential Training*, Adam Wilbert, LinkedIn Learning, 11.2022
- certificate of completion *AWS: Data Analytics*, Tomasz Stachlewski, infoShare Academy, 01.2022
- certificate of completion *AWS: Migration*, Tomasz Stachlewski, infoShare Academy, 01.2022
- certificate of completion *AWS for Everyone*, Tomasz Stachlewski, infoShare Academy, 01.2022
- certificate of completion *Advanced Microsoft Power BI*, Helen Wall, LinkedIn Learning, 10.2021
- certificate of completion *Advanced SQL for Query Tuning and Performance Optimization*, Dan Sullivan, LinkedIn Learning, 09.2021
- certificate of completion *SQL Server: Reporting Services*, Adam Wilbert, LinkedIn Learning, 01.2021
- certificate of completion *SQL Server Integration Services*, Adam Wilbert, LinkedIn Learning, 10.2020
- certificate of completion *Power BI Essential Training*, Gini von Courter, National Association of State Boards of Accountancy (NASBA), 10.2020
- certificate of completion *System of Interest Rate Management According to Recommendations of the Polish Financial Supervision Authority*, Centrum Edukacyjno-Szkoleniowe, Jaworzno, 29.07.2015
- certificate of completion *Building, implementing and validating system of assessment credit risk parameters PD, EAD, LGD - theory and practice*, Advanced Trainings, Warsaw, 26-27.11.2014
- certificate of completion *Credit Risk Management - Best Market Practices vs. Regulatory Requirements*, Warszawski Instytut Bankowości, Warsaw, 5-6.06.2014
- certificate of completion *Analyzing Interest Rate Risk of Financial Institution*, Top Consulting S.A., Warsaw 22.05.2014
- seminar *Reserves of Polish Accounting Standards vs. write-down of International Accounting Standards*, UKNF, Warsaw, 11.03.2014
- certificate of completion *Retail Credit Risk Management*, Akademia Fundacji Edukacji Spółdzielczej, Warsaw, 5-6 and 18-19.02.2014,
- certificate of completion *Liquidity and Interest Rate Risk Management*, HFI Solutions and Grant Thornton, 30-31.01.2014
- certificate of completion *Implementing and Maintaining Microsoft SQL Server 2008 Reporting Services (6236A)*, Evatronix S.A., Bielsko-Biała, 23-25.08.2013
- certificate of completion *Credit scoring in STATISTICA*, StatSoft Polska Sp. z o.o., Kraków, 24-26.06.2013
- certificate of completion *Counteracting money laundering and financing terrorism* issued by the General Inspector of Financial Information, 8.09.2012

## LANGUAGES

- Polish: native
- English: advanced
- German: basic

## **SKILLS**

- SQL ▪ T-SQL ▪ Microsoft SQL Server ▪ Power BI with DAX ▪ SSRS (Reporting Services) ▪ SSIS (Integration Services) ▪ ETL (Extract, Transform and Load) ▪ Talend Open Studio for Data Integration ▪ Talend Cloud
- Business Intelligence (BI) ▪ Data Vault 2.0 ▪ Exasol ▪ DBeaver ▪ Visual Studio ▪ CI/CD pipeline ▪ SQL Server Management Studio ▪ Enterprise Architect ▪ data analysis ▪ data mapping ▪ database administration ▪ performance tuning ▪ Amazon Web Services (AWS) ▪ AWS migration ▪ AWS data analytics ▪ CloudForge ▪ Microsoft Office
- Microsoft Teams ▪ CyberArk ▪ Sourcetree ▪ GitLab ▪ GitHub ▪ Apache Kafka ▪ Confluent Kafka ▪ Jenkins
- Kubernetes ▪ Jira ▪ Confluence ▪ Gliffy diagrams ▪ Azure DevOps ▪ ETL Controller ▪ BMC Remedy ITSM
- Scrum methodology ▪ VBA (Visual Basic for Applications) in MS Excel and MS Access ▪ CRM (Customer Relationship Management) ▪ Oracle SQL Developer ▪ STATISTICA ▪ LaTeX ▪ time series analysis and forecasting
- BizAgi ▪ credit scoring ▪ problem solving ▪ credit risk ▪ statistics ▪ mathematics

## **HOBBIES**

- travelling, photography, books