

Key skills:

- SQL
- PL/SQL
- T-SQL
- PYTHON
- JAVA
- ETL/ELT
- 4GL (Panther)
- SNOWFLAKE DB
- ORACLE
- SQL SERVER
- DATA MODELING
- WHERESCAPE
- AWS
 - LAMBDA
 - S3
 - DYNAMO DB
 - GLUE
- GIT

Profile

I've been developing applications in such areas as industry - Manufacturing Execution Systems, Warehouse Management Systems, banking Systems and applications for public administration. Extensive experience in databases and programming allowed me to smoothly switch to my current role as Data engineer. In most of the projects, I participated in the design of the application logic, data model and implementation. I believe that learning and good understanding of business processes is crucial to a successful design. Knowledge of general programming concepts - OOP, databases, procedural programming allows me to quickly learn and adapt to new various technologies. Also working as a system administrator in the past extended my overall IT experience and it is still very useful when communicating with other IT specialists. In my professional career I have been working with multiple different programming languages: Python, SQL, PL/SQL, T-SQL, Java, Delphi, C and even very rare programming languages like 4GL- Panther/jam or Clipper. Due to long experience I'm capable to understand and work with either legacy technologies as well as state of the art solutions like AWS. Regardless of technology the goal is always to deliver application/solution with clean, straightforward design and readable code that can be easily modified and extended by others. I'm rather a back-end minded developer, however in many projects I have implemented also client UI - mainly desktop applications. I'm very positive person with can-do attitude.

Job experiences:

Data Engineer, Philip Morris International 02.2020 – 05.2021

RESPONSIBILITIES:

- Participating in development of new data lake solution.
- Working on integration/automation data in S3 bucket with Snowflake DWH
- Extending data lake with many features like data anonymization, row level security, data format transformations, GDPR, data retention
- Implementation of data testing framework - tool that enables define and run data integrity checks against DWH in Snowflake DB
- Supporting business value teams in building SQL data pipelines
- Being a part of Snowflake/ETL governance board - to discuss and provide best practices and guidelines to data engineers

TECHNOLOGIES: Snowflake, SQL, Python, AWS, SQL Server, Wherescape, ETL/ELT, structured and semi structured data

MES Application Developer , Sappi Europe 10.2015 - 12.2019:

MAIN DUTIES PERFORMED:

Development (70%) of MES application for Sappi- one of the global leaders in paper industry. New modules and new features, modifications, design and implementation in following business areas:

- Core execution operations (shop floor), rough and detail planning, product tracking
- Interfaces to automation (automated transportation, cutting, packaging, labeling)
- New graphical production planning tool that enables to graphically visualize and schedule production blocks on each resource in a production chain, identifies production bottlenecks and buffers capabilities, optimizes fine planning
- Reports and forecasting tools
- 3rd line support (30%)– incident management/ problem solving for all mills located in Europe and North America

TECHNOLOGIES: SQL, PL/SQL, JAVA, PANTHER, C

Senior Software Developer, Mantis Poland 09.2014 - 05.2015

MAIN DUTIES PERFORMED:

- Customizing Mantis Logistic Vision – Warehouse Management System for specific customers' needs : Creating new custom functionalities, extending and changing behavior of core system
- Creating and modifying data import/export interfaces between Mantis WMS and other systems (ERP, CRM , automation systems)
- Participating in a detailed business process analysis for new and existing projects

TECHNOLOGIES: SQL SERVER, T-SQL, ORACLE, PL/SQL, VB.NET

System Administrator, DEPARTMENT OF STATE/Consulate General of the USA 08.2007– 08.2014

MAIN DUTIES PERFORMED:

- MS Windows Servers(2003/2008) administration
 - SQL Server administration
 - Managing virtual environment based on Vmware solutions.
 - Developing DB applications and reports for the internal needs
-

Software Developer, SoftNet Banking Systems 02.2005 - 08.2007

MAIN DUTIES PERFORMED:

- Development and design of reporting system in following areas:
 - Financial mandatory reports
 - Operational risk management
 - Mapping and applying new definitions and reporting rules from central bank

TECHNOLOGIES: SQL, PL/SQL, DELPHI

Education:

Jagiellonian University 2002-2007

Master's degree in Electronic Information Processing
