Krzysztof Świder

Profile

Experienced and self-motivated data engineer with proven strong mathematical basis and advanced computational skills. Accustomed to working with a variety of systems and tools that enable the collection, storage and analysis of large amounts of data. Ready to be a member of any data-driven organization and bring a positive attitude and willingness to solve real-life problems.

Personal Details

Location	Rzeszów, Poland
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Key Skills

Data Engineering	Over 10 years of experience in database systems design and implementation. Advanced skills in SQL and various RDBMSs (Oracle, MS SQL Server, PostgreSQL) with ability to manage complex data repositories (SSMS, SQL Developer, DBeaver) and to program database applications (T-SQL, PL/SQL, Oracle APEX). Solid understanding and practical skills in selected Big Data technologies (Kafka, pySpark, Hadoop). Practical experience in SAS environment (SAS Enterprise Guide).
Machine Learning	Knowledge and practical skills in planning and development of end-to-end data analysis processes (data preparation, building models, results visualization and interpretation). Competences in several machine learning techniques (classification, clustering, association analysis, forecasting). Knowledge of a number of languages and analytical tools (Python, R, Databricks).
Business Intelligence	Advanced knowledge of data modeling and data warehouse design (Snowflake). Practical experience with ETL (SSIS, Data Factory, Pentaho) and reporting tools (Power BI, Tableau, QlikViev/QlikSense). Competencies in planning and implementing of analytical solutions in a number of areas (financial services, banking/credit risk, human resources, healthcare, purchasing processes).
Systems Analysis and Design	Planning and modeling of business processes and software solutions with a number of techniques (UML, BPML) and tools (Enterprise Architect, Visual Paradigm). Proven practical experience in requirements management and other software engineering issues.
Others	Good knowledge of Matlab environment. Knowledge and practical experience in agile methodologies with ability to use a number of project management tools (Jira, Confluence, Azure DevOps). Readiness to work with XML and JSON standards. Basic skills in SAP.

Recent Projects

6/2024 – present	"Automatization of on-line reporting of credit risk and portfolio condition data at ING Group"
	Role: data management expert. *Performed task*: requirement engineering, design and development of self-service reporting solution (Oracle, Power BI, SAS).
9/2023 – 2/2024	"Providing Business Intelligence and reporting services at Volkswagen Group-Services Polska"
	Role: BI and reporting specialist. *Performed task*: analysis, design and development of complex Business Intelligence solutions (Oracle, Tableau, QlikView, SAP BO, Python) for a number of customers in Germany and other countries.
3/2023 – 8/2023	„EPN - electronic platform for monitoring the work of health care facilities - a complex reporting system for Subcarpathian Marshal's Office"
	Role: BI analyst and developer. *Performed task*: analysis, design and development of multifaceted Business Intelligence solution (Power BI).

5/2022 – 1/2023	„Data Platform for real-time and event-driven processing - digital solution for Credit Agricole Bank Polska S.A."
	Role: data engineer. *Performed task*: quality assurance and data reconciliation (Oracle, Kafka, pySpark, Jira).
8/2021 – 8/2022	"Providing advanced reporting services at VOLVO Poland"
	Role: HR Analyst. *Performed task*: regular reporting and resolving ad hoc analytical issues in Human Resources area (SAP, Excel) for Volvo Group customers in France.
5/2021 – 4/2022	„Business Intelligence application supporting money transfers monitoring - a solution for financial services provider"
	Role: BI specialist. *Performed task*: planning, design, development and maintenance of dashboards (Power BI with DAX).

Recent employment History

6/2024 – present	Data Management Expert at ING Hubs Poland.
	Planned and implemented reporting solutions in credit risk area.
9/2023 – 2/2024	BI and reporting specialist at Volkswagen Group-Services Polska.
	Used a variety of analytical tools to provide reporting services for internal clients.
5/2021 – 8/2023	Business Intelligence Specialist at Soflab Technology LLC.
	Planned and developed Business Intelligence reporting solutions for customers in multiple areas.
7/2018 – 8/2020	Data analysis specialist at ZETO LLC.
	Applied artificial intelligence methods in production scheduling.
12/2017 – 5/2018	Data analysis consultant at Handlopex PLC.
	Consulted on the use of AI and BI methods and tools in retailing and logistics.
past	Head of department and senior specialist in academic IT Centre at RUT.
	Business Intelligence consultant at Softbank Service.
	Network and systems administrator at Press Publishing Company "R-Press".

Education

PhD in technical sciences at the Faculty of Electronics and Information Technology of the Warsaw University of Technology.

Master of Science in Applied Mathematics and Computer Science at the Faculty of Management Systems of the National Technical University of Ukraine.

Courses and Certificates

7/2016	M_o_R® Foundation Training
7/2015	Microsoft Certificate of Achievement
6/2015	PRINCE2® Registered Practitioner Certificate
5/2015	PRINCE2® Foundation Certificate.

Languages

native	Polish
fluent	English, German, Russian
conversational	French, Ukrainian

2025/02/10