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| **KRZYSZTOF ŚWIDER****BI specialist*****Report designer with data analysis skills. Concrete theoretical basis related to the previous position: researcher and lecturer in BI field.*** |
| **EDUCATION** |
| 1991 – 1993 | Warsaw University of Technology, field of study: robotics and automation |
| 1975 – 1981 | National Technical University of Ukraine, field of study: applied mathematics and computer science |
| **SKILLS** |
| Programming and Databases | * Programming languages: Python, R, C# and VBA
* IDEs and frameworks : Anaconda, RStudio, .NET
* Database development: conceptual modelling with ERD, proficiency in SQL
* Database management systems: MS SQL Server, Oracle, DB2, PostgreSQL
* Database clients: MS Management Studio, SQL Developer, DBeaver
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| Sector Skills  | * Good knowledge of principal rules and processes in higher education
* Knowledge of retailing and supply chain management
* Basic knowledge of human resources management issues
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| Analysis and Design | * Solid understanding of analysis and design issues of business information systems
* Ability to create documentation (e.g. requirement specifications and technical reports)
* Good understanding of UML and BPML notations
* Practical knowledge of Visual Paradigm modelling tool
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| Management | * Project planning and management from concept until implementation
* Team work methodologies / principles: Agile, SCRUM, Prince2
* Project team management, motivation, conflict solving
* Risk management
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| Other Skills  | * Web technologies: HTML, XML, JSON
* Data science: Business Intelligence and data warehousing fundamentals, machine learning methods (classification, regression, clustering, association analysis)
* Data analysis and ETL tools: MS Power BI, Tableau, MS SSIS, MS SSAS, MS Excel, Matlab, PDI
* Teaching skills: Solid experience in lecturing and tutoring both in academic and business domains (in rare cases also in English and German)
* Personal qualities: inquisitiveness, accuracy, patience, ability to work in a complex environment
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| **WORK EXPERIENCE** |
| 05-2021 – ...  | **Soflab Technology Sp. z o.o.** | BI specialist |
| 07-2018 – 08-2020 | **ZETO-RZESZÓW Sp. z o.o.** | Data analysis specialist |
| 12-2017 – 05-2018 | **Handlopex S.A.** | BI consultant |
| 07-2013 – 09-2017 | **IT Centre of Rzeszow University of Technology** | Head of department and senior specialist |
| 07-2001 – 06-2002 | **Softbank Service** | BI consultant |
| 10-1994 – 03-1995 | **University of Paderborn, Soest Department, Germany** | Professor |
| 11-1987 – 02-2022 | **Rzeszow University of Technology** | Researcher and lecturer |
| **SELECTED PROJECTS** |
| 06-2021 – … | **PU Group – BI system implementation, BI Specialist****Sector: Finance & Insurance (FinTech)** |
|  | Scope of project: Source data analysis including supermetrics (data from social networks campaigns), design, development and implementation of PBI dashboard Technology:Pentaho Data Integration (PDI), pgModeller, PostgreSQL, Microsoft Power BI (PBI), AzureUsing artificial intelligence methods and the Internet of Everything (IoE) concept to diagnose, monitor and control processes in the world of Industry 4.0 (REI)* Research and development activities aimed at the more effective use of Artificial Intelligence technologies in manufacturing

Development of computational infrastructure for management and analysis of manufacturing data |
| 11-2020 – … | **Planet4 Consortium, Researcher/Teacher/Trainer** **Sector: Industry/Higher Education** |
|  | Practical Learning of Artificial iNtelligence on the Edge for indusTry 4.0 (supported by the EC grant 621639-EPP-1-2020-IT-EPPK2-KA)* Working in an international consortium of European universities and companies accomplishing a project aimed at the better knowledge transfer between academic and productive sectors
* Preparation and conducting surveys for students, academics and companies
* Performing statistical analysis, publishing and periodic reporting
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| 07-2018 – 08-2020 | **ZETO RZESZÓW, Data analysis specialist****Sector: Manufacturing** |
|  | Optimization of automotive industry components manufacturing with the use of extrusion process supervision and computational intelligence methods (supported by the RPPK.01.02.00-18-0045/17 grant)* Application of machine learning methods and statistical data processing for automatic production scheduling
* Development of innovative APS software
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| 12-2017 – 05-2018 | **Handlopex S.A., BI consultant** **Sector: Retailing** |
|  | Application of data-driven approach for better decision support in logistics* Planning and development of advanced forecasting methods for supply chain management
* Intensive use of self-service BI tools (Tableau, Power BI) in retailing
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| 07-2013 – 09-2017 | **Rzeszow University of Technology, Head of IT Department/Senior specialist** **Sector: Higher Education** |
|  | Planning and implementation of modern computational facilities for the university* Arranging an overall system architecture
* Preparing and documenting requirements for ERP, electronic document flow system and a number of university specific e-services.
* Active work in project management board
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| 07-2001 – 06-2002 | **Softbank Service, BI consultant** **Sector: Banking** |
|  | Application of analytical methods in the sale of loans.* Planning and development of Business Intelligence reporting solutions
* Working with DB2 database and IBM BI tools
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| **COURSES / CERTIFICATES** |
| M\_o\_R® Foundation Training (2016) |
| Microsoft Certificate of Achievement (2015) |
| PRINCE2® Registered Practitioner Certificate (2015) |
| PRINCE2® Foundation Certificate (2015) |
| **LANGUAGES** |
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| English | **speaking:** B2post-intermediate | **writing:** B2post-intermediate | **reading:** C1 advanced |
| German | **speaking:** C1advanced | **writing:** C1advanced | **reading:** C1advanced |
| French | **speaking:** B1intermediate | **writing:** A2pre-intermediate | **reading:** A2pre-intermediate |
| Russian | **speaking:** C1advanced | **writing:** C1advanced | **reading:** C2nearly native-speaker level |

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