

Big Data Architect with several years of experience in design and implementation of data warehouse and BI tools. Experienced team leader. Certified Scala Developer. Microsoft Certified Azure Fundamentals. Responsible, reliable, and well organised. Good at abstract and analytical thinking. Graduated with honours in Computer Science from Warsaw University. Specialties: Apache Spark/Azure Databricks, Scala programming, Machine Learning.

### **Education:**

Warsaw University, Computer Science, Master of Science – thesis on genetic algorithms, heuristic searching and machine learning, best award.

### **Professional experience:**

2020-03 – to date – Lingaro Data Science and AI Competence Center, Big Data Architect

- Design and python development of Turbine ETL engine for Procter&Gamble on Azure Databricks.

2009-01 – 2020-02 – Asseco, Senior Designer, since 2014 head of BI team

- Design of Machine Learning model to predict failures of Videoregistrators for GITD (Apache Spark MLlib, Scala, Python).
- Design and implementation of data warehouse for KZK GOP (MS SQL, Pentaho Data Integration ETL, Style Intelligence BI, Java, webservices, REST, servlet, JavaScript).
- Design of data warehouse for GITD (PostgreSQL, Pentaho Data Integration ETL, Oracle Business Intelligence).
- Design and implementation of reporting system for Straż Graniczna (DB2, Netbeans, Java, SAP Business Objects).
- Design and implementation of data warehouse for MSWiA (Oracle, Oracle Warehouse Builder, Java, JDeveloper, Oracle Discoverer).

2007-04 – 2008-12 – Globema, Analyst / Designer

- Implementation of GIS systems (objects database, Smallworld GIS, C#).

2000-01 – 2007-03 – Makro Cash and Carry / MGI, System Analyst

- Implementation of interfaces between business applications (Oracle PL/SQL).
- Implementation of data warehouse interfaces between business applications and Teradata database (Oracle PL/SQL).

### **Skills:**

Programming languages: Scala (**Functional Programming Principles in Scala Certificate, Functional Program Design in Scala Certificate, Parallel Programming in Scala Certificate**), Python, Java, SQL, PL/SQL (**Oracle OCA Certificate**)

Databases: MS SQL, PostgreSQL, Oracle, DB2

Tools: Azure Databricks (**Microsoft Azure Fundamentals Certificate**)

### **Foreign languages:**

- English – advanced (CAE and FCE Certificates)
- German – passive, but after 8 years of learning
- Russian – passive, but after 8 years of learning

### **Courses:**

2020	Parallel Programming in Scala (Coursera)
2020	Functional Program Design in Scala (Coursera)
2020	Functional Programming in Scala (Coursera)
2020	Azure (Pluralsight)
2019	Spark, Scala, Machine Learning, Hadoop (Pluralsight)
2019	Agile/SCRUM (Asseco)
2019	SAP HANA columnar in-memory database (IBM)
2018	UML (Asseco)
2015	Manager's Trainings (Asseco)
2007	Microsoft .Net Framework (Computer Service Support)
2005	Advanced PL/SQL (Oracle)
2004	Oracle JDeveloper: Application building with BC4J (Oracle)
2003	Microstrategy (MGI DE)
2003	Teradata database (MGI DE)
2002	Reports building with Oracle Reports 6i (Oracle)
2001	Applications building with Oracle Forms 6i (Oracle)
2001	JAVA Programming (IBM)
2000	The basics of project management (InfoViDE)
2000	Detailed system analysis (Oracle)

### **Interests:**

Professional: artificial intelligence, heuristic searching.

Others: cycling, chess.

### **Plans:**

Processing big data sets.

Designing Machine Learning models.

Designing big data systems in Scala.