

## Joanna Czarnocka

Experienced Certified Database/Python Developer,  
Aspiring AI/DS/ML Specialist

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### EDUCATION

University of Warsaw, M.Sc. in **Computer Science**, 2004  
Warsaw University of Technology, postgrad.: **Data Science** - Algorithms, Tools and Applications for Big Data Problems, 2021  
University of Warsaw, B.Sc. in Mathematics, specialization in **Decision Support Systems**, 2000  
Warsaw School of Economics, postgraduate: Business Analyst – Professional between IT and Business, 2014  
Uniwersytet WSB Merito Wrocław, postgraduate: **Cloud Solution Architect** (covered clouds: Azure, AWS, GCP), 2024

### PROFESSIONAL EXPERIENCE

#### Allianz (B2B contract via IT Factory) – Programmer (since 2021 - Present)

tasks: development/support of database/FE and of **life core insurance** system, development of **AI solution for claims**, Scrum technologies: **Oracle 12c/19c, SQL, PL/SQL**, Oracle Forms, **Python**, OOP, AWS, LLM, NoSQL, DynamoDB, S3, CloudWatch, SQS/SNS, Textract, pytest, FastAPI, SpaCy, Pydatntic, re, Postman, NoSQL Workbench, XML, JSON, JIRA, GIT, SourceTree, bitbucket, gitea, bamboo, TOAD, PL/SQL Developer, Oracle SQL Developer, Visual Studio Code, Docker, CI/CD

#### Softman (B2B contract) – Designer - Programmer (2020 – 2022)

tasks: development of financial - accounting solutions, designs, technical documentation  
technologies: **Oracle 12c, SQL, PL/SQL, Oracle Forms/Designer/Reports**, Sparx Enterprise Architect, UML, JIRA, GIT, GitLab

#### TUNŻ Warta – Regular/Senior Technical Designer – Programmer (2017 – 2019)

tasks: development of core system and sales system for **life insurance** company and adjacent systems  
technologies: **Oracle 11g/12c, SQL, PL/SQL, Oracle Forms**, SoapUI, JIRA, SVNGIT, GitLab

#### Experian ph - Senior Database Developer (2015 – 2016)

tasks: developing analytical system - **AML** for customer from banking industry, process verification, reporting, tests automation  
technologies: **Oracle 12c, SQL, PL/SQL, utPLSQL**, Jenkins, HTML, XML, MS Project, Redmine, SVN, GIT, GitLab

#### Axciom – Solutions Developer (2012 – 2014)

tasks: development of e-marketing platform for FMCG, performing technological training/mentoring, coding standards  
technologies: **Oracle 11g, SQL, PL/SQL**, Linux, Java, XM, bash

#### TouK sp. z o.o. s.k.a – Developer / Analyst (2009 – 2012)

tasks: telecommunication **CRM system analysis, design, development**, optimization, customer facing, change requests  
technologies: **Oracle, SQL, PL/SQL**, ERD, confluence, JIRA, Balsamiq, UML

#### SAS Institute Poland & SAS UK (EU placement) – Junior/Regular Consultant (2006 – 2008)

tasks: development (telco) of **analytical systems, data warehouse (Kimball), data mart**, SAS Forecast Server pilot project  
technologies: **ETL**, metadata, SAS Data Integration Studio, **SAS 4GL**, SAS Stored Processes, SAS Information Map Studio, SAS Enterprise Guide, SAS Cube Studio / Enterprise Guide, **Oracle, PL/SQL**, Java, OOP, Swing, Struts, UML, **HTML, CSS, JavaScript**

#### Fund – Services (BNP Paribas group) – Designer - Programmer (2004 – 2005)

tasks: development of transactional system for operations of insurance department and reports generator  
technologies: **Oracle Designer/Forms/Reports/Enterprise Manager, PL/SQL**, Java Stored Procedures, JDBC, ERD, ForeDocLet

### SELECTED TRAINING

**GenAI Code™**, Elephant AI – intensive 6-weeks long **AI/LLM/LMM** programming training in Python  
**Bootcamp Data Science (Kodołamacz), Sages** - intensive 6-months long training with programming in Python  
**Front End Developer**, Akademia 108  
**Machine Learning with Python**, Bluemetrica,; Data Analysis in IBM SPSS, Bluemetrica  
**Machine Learning and Artificial Intelligence Services on AWS**, University of Oxford, Department for Continuing Education  
**Azure Databricks – zero to hero**, SQLDay, workshop  
**SAS** Base Programming, SAS DI Studio, **Statistics, Decision Trees & Neural Networks**, SAS Information Map Studio, SAS Institute Poland & SAS UK  
**Python** Programming Training, ALX  
Business Analytics with **Power BI**, LabMasters  
Big Data – training in a workshop form, JSystems  
Big Data Hadoop and Spark Developer, MongoDB Developer and Administrator, simplilearn, gamitlab  
**Oracle 11g: Tuning SQL** – workshop accordant with the authorized training, JSystems  
**Oracle BI**, Oracle Partner Hub Academy

### SKILLS WITH PROFESSIONAL EXPERIENCE

**SQL, PL/SQL** (certificate: **Oracle PL/SQL Developer Certified Associate, Oracle, 2010**), **ORACLE 9i, 19c, Python** (certificates: **PCAP - Certified Associate in Python Programming, PCEP – Certified Entry-Level Python Programmer, Python Institute, 2023**), **SAS 4GL** (certificates: **SAS Certified Advanced Programmer for SAS 9, 2008, SAS Certified Base Programmer for SAS 9, 2007**), Java (certificate: Sun Certified Programmer for the Java 2 Platform 1.4, 2004 - expired), Sparx Enterprise Architect, UML (certificate: **OMG Certified UML Professional Fundamental [OCUP], 2013**), BPMN (certificate: **OMG Certified Expert in BPM 2™ [OCEB 2™], 2015 - expired**), Eclipse, JIRA, confluence, Docker, HTML, JavaScript, CSS, GIT, SVN, ITIL (certificate: **ITIL ® Foundation Certificate in IT Service Management, AXELOS, 2022**), TOAD, PL/SQL Developer, Oracle SQL Developer, Oracle Designer, Oracle Forms, SAS Data Integration Studio, SAS Enterprise Guide, data modelling (ERD, DFD), utPLSQL, bash (Linux scripting), AWS, Postman, **other certificates**: Business Processes Analyst, MGX INFOSERVICE, SQAM, 2014; REQB Certified Professional for Requirements Engineering, 2018; Professional Scrum Master I (PSM I), Scrum.org, 2019, Professional Scrum Product Owner I (PSPO I), Scrum.org, 2019

### SKILLS WITH TRAINING SO FAR

**Data Science (Python libraries)**: Pandas, NumPy, scikit-learn, SciPy, XGBoost, TensorFlow, Keras, PyTorch, Matplotlib, Seaborn, Beautiful Soup, LangChain, genetic algorithms, machine learning (decision trees, random forests, neural networks, regression models), data wrangling and cleaning, R, Tableau, Power BI Desktop, Visual Paradigm, SQLAlchemy, Azure, GCP, PL/pgSQL, T-SQL, C, C++, C#, BigQuery, DataBricks, Hadoop, Spark, PySpark, Hive, MongoDB, SAS Enterprise Miner, Google Colab, **PyCharm, Jupyter**, Oracle APEX, Informatica PowerCenter, C, C++, C#, TDD, IBM SPSS, Angular, React, AJAX, JQuery, Bootstrap, WordPress, Photoshop, kaggle

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I give my permission to the processing of my personal data that is essential for the recruitment process.