

Joanna Czarnocka

Experienced Certified Developer / Designer
Aspiring Data Scientist / ML Engineer

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EDUCATION

University of Warsaw, M.Sc. in **Computer Science**, 2004
University of Warsaw, M.Sc. in **Management and Marketing**, 2009
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 **GenAI solution** for claims (in this project - since October 2024), Scrum participation, SAFe participation
technologies: **Oracle 12c/19c, SQL, PL/SQL**, Oracle Forms, **Python**, OOP, AWS, LLM, NoSQL, DynamoDB, S3, CloudWatch, SQS/SNS, Texttract, OCR, pytest, FastAPI, SpaCy, Pydantic, celery, 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, UML

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: telecom **CRM system analysis, design, development, optimization**, customer facing, change requests, UAT support
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, OpenAI, genetic algorithms, machine learning (decision trees, random forests, neural networks, regression models), data wrangling and cleaning, feature engineering, model evaluation. **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,

DISCLAIMER

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