

**Certified Kubernetes and AWS Architect** with **4 years** of professional experience. Designing Big Data systems for top-tier international companies. **Leading DevOps/DataOps** teams in delivering projects in production environments.

## Experience

- 2021-12 – present** **Accenture | DevOps Architect/Team Leader**
- Building and maintaining an internal mentoring pipeline for increasing the technical and consulting competencies of team members in cloud and data engineering areas
  - Architecting data engineering infrastructure for a **data quality management system** for a Global Manufacturing Company (**Airflow, Spark, JFrog Artifactory, AWS**)
  - Presenting Proof of Value demos for executive management
  - **Coaching junior engineers** (up to 5 people) in terms of best practices and architectural patterns
- 2020-11 – 2021-12** **Accenture | DevOps Engineer**
- Architecting and implementing REST API services for preparing and exposing data from search engines for a Global Manufacturing Company (**Kubernetes, Docker, Jenkins, Python, JFrog Artifactory and Redis**)
  - Building AWS environment for development of production-grade big data systems with **EKS cluster** as backbone using **AWS CloudFormation** templates (**Kubernetes, Helm, Prometheus, Grafana, JupyterHub, Kafka**)
  - Designing and developing AWS serverless infrastructure for collecting web data on large scale (Lambda, DynamoDB, S3, EventBridge)
  - Presenting software demos to senior stakeholders
- 2020-01 – 2020-11** **SCS Expert | Data Scientist**
- Creating a sales forecasting system with data engineering pipelines for a global pharmaceutical company:
    - Training machine learning models on time series data
    - Developing data engineering pipelines with **PySpark on AWS**
    - Extracting data from file systems and relational databases with SQL
    - Collecting new information and insights for presentation to business stakeholders
- 2019-06 – 2019-11** **Predica LLC | Software Engineer**
- Developing web applications for pharmaceutical and loan companies and **enforcing TDD standards**
  - Collecting requirements for features requested by clients
  - Designing **CI/CD** pipelines
- 2018-11 – present** **Kaggle | Machine Learning Competitions Expert**
- Google QUEST Q&A Labeling - **Natural Language Processing** Challenge:
    - Designing a neural network (transformer architecture) for ranking Questions and Answers based on a human-like perception of sentences
    - Tech Stack - **Tensorflow, Keras, BERT, Python**
  - Traveling Santa 2018 - Prime Paths - asymmetric **Traveling Salesman Problem**:
    - Searching the shortest Hamiltonian Cycle in a dynamically changing system of distance penalties
    - Tech Stack - **Python, C++, LKH**

## Certifications

2022-03 – 2025-03	CKAD	CKAD: Certified Kubernetes Application Developer
2021-05 – 2024-05	AWS-CSAA	AWS Certified Solutions Architect – Associate

## Education

2021-10 – present	MSc	Big Data	Warsaw School of Economics
2017-10 – 2021-05	BSc	Computer Science	Warsaw School of Computer Science

## DevOps

### Cloud Platform

AWS

### Git

Bitbucket

GitHub

### Kubernetes

EKS

Helm

Docker

### CI/CD

Jenkins

### Workflow Management

Airflow

## Programming

### Scripting

Linux (Bash)

PowerShell

Python

### Declarative

SQL, Cypher, PL/SQL

T-SQL

### Functional

Python, Scala

## Data Engineering

Kafka

Spark

## Databases

### Relational Data Model

Microsoft SQL Server

Oracle Database

PostgreSQL, AWS Aurora

### NoSQL

Neo4j, DynamoDB, Redis