



# Artur Podsiadły

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## OBJECTIVE

Passionate about artificial intelligence with a strong focus on MLOps/LLMOps and RAG systems. Specialized in designing and implementing end-to-end ML pipelines, automating deployment processes, and integrating LLM solutions in production environments. Experienced in building intelligent systems that bridge the gap between research and real-world applications.

## CERTIFICATIONS

Technical certificate EE.09  
 Technical certificate EE.08  
 Cisco Networking Academy - IT Essentials

## COURSEWORK

### GRADUATE

Fundamentals of Machine Learning  
 Deep Neural Networks in Data Processing Natural Language Processing  
 Deep Neural Networks in Computer Vision

## SKILLS

### DEVELOPMENT

Python (SOLID, Clean Code, TDD) • FastAPI • Django • Git • PostgreSQL

### DATA & AI

HuggingFace Transformers | Models | Datasets • PyTorch • MCP • Semantic Kernel • LangGraph • RAG • Vision LLMs • DSPy

### OPS & DEPLOYMENT

Docker • llama.cpp • Dagster • Label Studio • MinIO • Weights&Biases • OpenRouter • Hydra

## PROJECTS

**ML PLAYGROUND** INTERACTIVE MACHINE LEARNING PLATFORM THAT ALLOWS USERS TO EXPERIMENT WITH VARIOUS ALGORITHMS THROUGH A WEB INTERFACE.

**ALPHABETALOGIC** A PYTHON LIBRARY FOR PARSING AND ANALYZING FIRST-ORDER LOGIC EXPRESSIONS USING THE PLY (PYTHON LEX-YACC) LIBRARY.

## EDUCATION

### THE JOHN PAUL II

#### CATHOLIC UNIVERSITY OF LUBLIN

##### BACHELOR OF ARTIFICIAL INTELLIGENCE

THESIS: "EVOLUTION OF RAG (RETRIEVAL-AUGMENTED GENERATION) SYSTEMS"

Oct 2022 | June 2025 | Graduated

#### POWER ENGINEERING SCHOOL COMPLEX NAMED AFTER PROF. KAZIMIERZ DREWNOWSKI IN LUBLIN

##### IT TECHNICIAN SPECIALIZATION

2017 | 2021

## EXPERIENCE

### INSTITUTE FOR THE HISTORICAL GEOGRAPHY OF THE CHURCH IN POLAND

#### SOLUTION ARCHITECT | MLOps/LLMOps ENGINEER

March 2025 - August 2025 | Lublin

- Designed and built end-to-end ML pipelines for automated information extraction from historical schematisms using LayoutLMv3 and vision LLMs.
- The system achieved over 90% accuracy in extracting structured data from complex document layouts and is being prepared for production deployment.
- Configured production-ready annotation platform with Docker, Label Studio, and MinIO, applying MLOps best practices including model versioning and experiment tracking.

### TEDXLUBLIN

#### IT / WEB DESIGN AND DEVELOPMENT

March 2024 - Present | Lublin

- Designed and developed the official TEDxLublin website that enabled seamless event management and allowed the organization focus on delivering a great experience for attendees.
- Integrated forms for volunteers, speakers, and partners with real-time Airtable synchronization and newsletter subscription.
- Integrated Umami for privacy-focused web analytics, ensuring GDPR compliance and data security.

### THE JOHN PAUL II CATHOLIC UNIVERSITY OF LUBLIN

#### AI R&D / SOFTWARE DEVELOPMENT

September 2022 - February 2023 | Lublin

- Conducted research and development on natural language processing techniques and RAG architecture for AI assistant/chatbot development in academic environment.
- Analyzed and evaluated the effectiveness of different AI models and approaches.