



Artur Gorczynski

AI Technical Lead | LLM Systems, Agentic AI & AI Platforms

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PROFESSIONAL PROFILE

Hands-on AI Technical Lead with 8+ years across data, machine learning and AI, including 5+ years delivering ML and LLM systems. Specialises in agentic workflows, multi-hop RAG, document intelligence, multimodal extraction, context and memory design, and AI-enabled backend platforms. Combines deep Python engineering with architecture ownership, technical hiring, mentoring, stakeholder discovery and delivery leadership in enterprise environments.

CORE EXPERTISE

AI systems: Agentic workflows, multi-hop RAG, retrieval and reranking, context engineering, working and long-term memory, grounded generation, document intelligence, multimodal AI, structured extraction, evaluation and validation.

Technical leadership: AI architecture, discovery and feasibility, technical decision-making, hiring, mentoring, delivery planning, stakeholder communication, AI enablement and knowledge sharing.

TECHNICAL SKILLS

LLM and AI: Agentic systems, multi-hop RAG, prompt and context engineering, memory, embeddings, vector search, retrieval, reranking, grounded generation, document AI, OCR, multimodal extraction, model evaluation, deep learning and forecasting.

Frameworks and platforms: Python, FastAPI, LangGraph, LangChain, LiteLLM, Qdrant, Databricks Vector Search, Azure Document Intelligence, Streamlit, Hugging Face and PyTorch.

Cloud and data: Azure AI Foundry, Azure OpenAI, AWS, RDS, S3, Databricks Tables and Volumes, SQL, MySQL, Git and Docker.

PROFESSIONAL EXPERIENCE

Craftware | Senior AI Engineer / AI Architect

11/2025 - Present

Krakow, Poland | Embedded with a global consumer-health company

- Own discovery, AI architecture, implementation and stakeholder collaboration across regulatory research and document-intelligence initiatives in an enterprise engineering organisation.
- Own end-to-end development of an agentic regulatory research assistant for RTQ/RFI workflows. Designed a multi-hop RAG process that decomposes questions, iteratively discovers evidence, maintains recoverable working memory and produces source-grounded drafts for expert review over a potential corpus of approximately 250,000 documents.
- Architected and largely implemented a configurable document-intelligence platform for extracting product attributes from variable PDFs and scans across five document families. Combined Azure Document Intelligence, vision-capable LLMs, reverse bounding-box traceability, confidence logic, SME validation, FastAPI, LangGraph and Databricks.
- Delivered the extraction platform as a deployment-ready application in three months and validated it with subject-matter experts on 100+ document samples; the solution is now used as an independent quality-validation layer for another production extraction pipeline.
- Lead Craftware's internal AI Guild for 40-60 participants, designing and delivering biweekly sessions on LLM fundamentals, prompting, agents, RAG, local model hosting, evaluation, security and production AI engineering.

Pirxey | Senior AI Engineer

06/2025 - 11/2025

Consulting engagements for enterprise clients

- Led AI architecture and client-facing technical discovery for an enterprise knowledge assistant for a global coffeehouse chain, delivered as a working POC by a five-person team within two months.
- Designed a stateful LangGraph/LangChain workflow with tool routing, iterative retrieval, sufficiency assessment, checkpoints and evidence-based abstention across hundreds of proprietary documents and product records. Integrated LiteLLM, Azure-hosted GPT models, Qdrant, AWS RDS and S3.
- Served as the most senior AI specialist on an LLM-assisted ideation platform, designing custom Python orchestration and leading decisions on retrieval, context management, long-term memory, factuality and research capabilities.

zooplus | Technical Leader - Machine Learning Engineer

01/2024 - 06/2025

Krakow, Poland

- Technically led a six-person multidisciplinary AI team while remaining approximately 65% hands-on; allocated work, ran one-to-ones, provided performance feedback, owned delivery deadlines and led architecture discussions and stakeholder demonstrations.
- Conducted approximately 15 technical interviews, served as one of two final hiring decision-makers, hired and onboarded six team members, mentored around 15 colleagues and helped identify the team's next Technical Lead.
- Led delivery of the Article Scanner, a multimodal product-data platform that extracted and derived 200+ master-data attributes from packaging images and reached production-ready status across several hundred products.
- Led technical-design discussions, task planning, experiment tracking, code-review and testing practices, retrospectives and stakeholder demonstrations while advising the business on data quality, KPI design and feasibility constraints.

SELECTED AI SYSTEMS AND ARCHITECTURE

Agentic Regulatory Evidence Research Platform | Craftware, 2026

Own requirements, architecture, implementation, retrieval and evaluation planning for an RTQ/RFI assistant currently in POC/MVP development. Designed a LangGraph-based multi-hop RAG workflow that decomposes regulatory questions, iteratively gathers evidence, preserves recoverable working memory and produces source-grounded drafts over a potential corpus of approximately 250,000 documents. Stack: Python, FastAPI, Azure AI Foundry reasoning models, Azure embeddings, Databricks Vector Search, Tables and Volumes.

Adaptive Document Intelligence and Validation Platform | Craftware, 2026

Architected and largely implemented configurable extraction across five highly variable document families. Combined Azure Document Intelligence, vision-capable LLMs, reverse bounding-box matching, OCR/LLM agreement, known-value checks and SME review to make every extracted value traceable to the source. Delivered a deployment-ready FastAPI/LangGraph/Databricks application in three months, validated on 100+ samples and now used as an independent quality layer for another production pipeline.

Enterprise Agentic Knowledge Assistant | Pirxey, 2025

Led AI architecture and client-facing discovery for a five-person team that delivered a working POC in two months. Designed stateful routing, iterative retrieval, sufficiency checks, checkpoints and evidence-based abstention across hundreds of proprietary documents and product records. Stack: LangGraph, LangChain, LiteLLM, Azure-hosted GPT models, Qdrant, AWS RDS and S3.

Multimodal Product Data - Article Scanner | zooplus, 2024-2025

Led a six-person team building a hybrid OCR, heuristic and vision-model pipeline for multilingual pet-food packaging. Extracted and derived 200+ fields including ingredients, nutrition, dimensions, flavours, labels and icons; stored structured data in RDS and artifacts in S3, with an SME validation application. The production-ready system processed several hundred products and exposed upstream image quality as the principal scaling constraint.

Multimodal UX Research RAG | zooplus, 2024

Co-developed an internal assistant that converted PDF and Figma workshop content into searchable text, helping UX teams recover prior discoveries, decisions and outcomes. Implemented approximately 60% of the Python code, including custom LangChain-based parsing, chunking and ingestion with Azure models, Qdrant and Streamlit.

EARLIER AI, ML AND DATA EXPERIENCE

zooplus R&D Data Scientist <i>Krakov, Poland</i> - Developed, evaluated and improved forecasting and machine-learning solutions; worked with business stakeholders on KPI design, data limitations, model interpretation and broader data-discovery needs. - Investigated complex data-quality and modelling issues, improved system reliability and shared ML and data-science practices across the organisation.	05/2022 - 01/2024
CodersLab Tutor / Mentor Delivered classes in Python, SQL and data analysis, improved course materials, contributed to an ML career path and mentored new tutors.	03/2022 - 03/2024
Avenga Data Scientist Led a three-person NLP-focused project, designed and implemented the solution, coordinated stakeholders and presented results while enforcing data-management and delivery practices.	10/2021 - 05/2022
Pegasystems Cloud Business Analyst Built cloud data pipelines, analysed cloud usage, developed time-series solutions and supported junior colleagues.	01/2021 - 09/2021
Bidroom Data Analyst Built ETL pipelines, dashboards and data tools; generated actionable insights and managed data-related delivery.	04/2019 - 12/2020
Brainly Content Performance Analyst Ran experiments and ML-supported analysis, analysed educational trends, supported CMS development and coordinated freelancers.	01/2018 - 03/2019
Earlier business and financial-services experience IBM services for Google, Brown Brothers Harriman and Aon.	2014 - 2018

EDUCATION AND PROFESSIONAL DEVELOPMENT

Jagiellonian University Master's degree, Criminal Rehabilitation	2010 - 2015
Pedagogical University Bachelor's degree, Philosophy	2008 - 2011
Development: AI Devs 3 (2024); AWS Certified Solutions Architect - Associate, previously certified 2021-2024.	
Languages: Polish - native; English - fluent.	