



Yaroslav Katashynskyi

Azure DevOps

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Work permit: Available

Summary:

I am an experienced ML engineer with expertise in deploying machine learning models to optimize advertising strategies. Proficient in Python, GCP, and TensorFlow, I excel in audience segmentation and data analysis, delivering impactful, data-driven solutions. I am seeking on-site, remote or hybrid opportunities in Warsaw or worldwide.

Work Experience:

ML engineer, Golden mandarin quadra

Warsaw, Poland | November 2022 – Present

- Develop and support LLM Agents, Market Research, Sales Forecasting, Price optimization, Churn Prediction, Customer Segmentation. Develop

3D designer, Golden mandarin quadra

September 2017 – November 2022

- Created 3D models for CNC machines and a brigade of carpenters (wooden collections). Produced 3D video renderings using Lumion and designed exterior architectural projects.

Projects:

- **AI Voice Agent:** Developed an AI voice agent for small businesses using Docker, Transformers (BERT), Ollama, Edge-TTS, and Kaldi for language processing and speech synthesis.
- **Forum/Chat Toxicity Detection Classifier:** Created a toxicity classifier for forums and chat platforms using Python, Scikit-learn, MLflow, and a Telegram bot.
- **Image Information Extraction and Graph Database Integration:** Engineered a solution for text extraction from images using Tesseract OCR and integrated the data into a Neo4j graph database using Ollama and Langchain, with end-to-end implementation guidance.

Tech stack:

Python (OOP), NLP, CV, Time-series, Pytorch, TensorFlow, Scikit-learn, LightGBM, XGBoost, Langchain, Spacy, Gensim, LIME & SHAP, Optuna, Mlflow, Docker, Probability Theory, Linear Algebra, Statistics, Mathematical Analysis, Matplotlib, NumPy, Pandas, UNIX, Yolo, OpenCV, Git, SQL.

Courses and Certifications: [Link to G-drive pdf file](#)