# Anatoly Soldatov

## **ML** Engineer

## **Work Experience**

06.2025 to present

MTS Web Services

**ML Engineer** 

- Added RAG service functionality via FastAPI, keeping around 1000 processed corporate documents in **Qdrant** for vector search
- Configured monitoring of 25 metrics for vLLM and RAG service in order to track realibility in stage and production through Prometheus and Grafana
- Measured 4 RAGAS LLM-as-a-Judge metrics for RAG pipeline evaluation and following comparative expriments via Langfuse

03.2025 -06.2025

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**ML** Intern

- Achived 7/11 and 5/9 places on personality and performance tracks of AVI Challenge 2025 competition
- Iterated over more than 100 ablations of modalities and architectures model combinations, tracking training and metrics via MLflow

01.2025 -03.2025

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**Prompt Engineer** 

- Set up 3 pipelines with business logic in n8n
- Optimized prompts of **OpenAl analyze image** node to business domain taxonomy improving accuracy of class recognition up to 90%
- Improved quality of OpenAl edit image node for stable isolated object generation with transparent background decreasing token usage almost 2 times

#### Articles

2025 Personality and Performance traits Assessment on Asynchronous Video Interview via Multimodal Fusion

2024 **Enhancing Action Recognition with Advanced Frame Extraction Techniques** 

#### Education

2022 - 2026 **m** Innopolis University

**Bachelor** 

Applied Artificial Intelligence

#### **Contacts**

GitHub

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## **Technological Stack**

ML Pandas • Polars • PySpark

Sklearn • Catboost

**MLOps** ClearML • WandB • MLflow

Gradio • Streamlit • FastAPI

DL PyTorch ● Lightning

NLP nltk • spaCy • pymorphy3

LLM Transformers • LangChain

**LLMOps** Ollama • vLLM • llama.cpp

cuda • onnx • gguf

Prometheus • Grafana Metrics

ЯПы **Python** 

SQL **PostgreSQL** 

NoSQL MongoDB • Cassandra

FAISS • Qdrant

Brockers Redis • Kafka

Git ● GitHub ● GitLab **GitOps DevOps** Linux • Docker • n8n

**VSCode** • Windsurf

#### Languages

Native	Русский	C2
Work	<b>English</b>	C1
Interest	Español	A2
	Türkçe	A1