Ivan Pikulin

AI Product Developer

ipikulin02@gmail.com @ipikulin ipikulin.ru



AI Product Developer with a scientific research background, building AI-powered applications from MVP development through integration, monitoring, and ongoing support.

WORK EXPERIENCE

Self-employed Jun 2026 - Present
AI Product Developer

- Designed agent workflows and built a recommendation system for an AI recruiting assistant.
- Launched an event-monitoring service that tracks posts on VKontakte and Odnoklassniki.
- Built and launched an AI service for drafting responses to citizen inquiries, used by about 300 people, including staff across Moscow's 132 district administrations.

Abstergo Jan 2023 - Jun 2026
Lead ML Engineer

- Led a team of two ML engineers.
- Built and maintained an AI agent that answers questions over SQL databases and DOCX/PDF documents.
- Delivered 20+ functional MVPs for LLM-powered applications.
- Initiated and led development of an internal AI assistant for the company's knowledge base.
- Built an AI recruiting assistant integrated with Telegram and hh.ru; its one-week pilot resulted in 50+ interviews for a nail technician position.

MSU · Smart Chemical Design 2022 - Present
ML Researcher · Part-time

- Developed a graph neural network to predict the stability of heavy-element complexes. doi.org/10.1063/5.0321792
- Adapted a graph neural network explainability method to molecular data. doi.org/10.1021/acs.jcim.5c02811

Science Data Experts 2023 - 2025
ML Engineer · Contract

- Tuned hyperparameters and set up multi-GPU training for existing retrosynthesis models, then trained them on client data.
- Fine-tuned an LLM with LoRA and built a RAG service for chemical documents.

EDUCATION

Moscow State University · Faculty of Chemistry 2026
Thesis: A graph neural network for predicting the stability of f-element complexes.

Deep Learning School · MIPT 2022
Machine learning, neural networks, computer vision, NLP, PyTorch.

SKILLS

Languages	Python · TypeScript · SQL
LLM Systems	LangChain · Mastra · Dify · RAG · Qdrant · Hybrid Search & Reranking
ML & Infrastructure	PyTorch · GNNs · FastAPI · Docker · CI/CD