

Ratibor Sergeev

Machine Learning Engineer

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EXPERIENCE

Karpov Courses

Machine Learning Expert

Course: Start ML

Moscow, Russia

August 2024 — Present

Remote

- Optimization and Deployment of ML Models: Development of pipelines using **Apache Airflow**, deployment with **Docker** and **FastAPI**.
- Modeling and Experiments: Assistance with A/B test simulations by students, hyperparameter optimization.
- Student Support: Mentorship, code reviews, and explaining complex topics (A/B testing, Deep Learning, probabilities).

Project Work

Machine Learning Engineer

Personal Projects

OHTI

February 2024 — Present

Remote

- Voice-to-Text Bot: Developed a Telegram bot using **OpenAI Whisper** to process audio files.
- Stoic Quotes Search Engine: Designed and deployed on **Yandex.Cloud** an algorithm for searching stoic quotes in the form of a web service.
- Recommendation System: Developed and deployed a recommendation algorithm on **Yandex.Cloud** as a web service.

Freelance

Fullstack Developer

Landing Pages

Russia

May 2021 — November 2021

Remote

- Created 10+ landing pages using **Django**, **HTML**, **CSS**, and **JavaScript**.
- Conducted analysis and optimization of user traffic, increasing it with semantic data markup.
- Implemented a feedback system for clients, improving customer satisfaction and reducing response times.

EDUCATION

OHTI

Bachelor Degree of Computer Science

Orsk, Russia

2027

COURSES

Start ML

2024

karpov.courses

ML System Design

2024

Open Data Science Community

DLcourse.ai

2023

Open Data Science Community

MLcourse.ai

2022

Open Data Science Community

Introduction to Data Science and Machine Learning

Bioinformatics Institute

2021

Fundamentals of Statistics

Bioinformatics Institute

2021

SKILLS

Programming: Python, Bash, SQL

Instruments: PyCharm, Jupyter Notebook/Lab

Data Analysis: Numpy, Pandas, Polars, pySpark, SciPy

Visualization: Plotly, Seaborn, Matplotlib

Machine Learning: Scikit-Learn, XGBoost/LightGBM/CatBoost

Deep Learning: PyTorch, Keras, TensorFlow

Database: PostgreSQL, SQLAlchemy

Backend: FastAPI, Flask, Django

Infrastructure: Linux, Git, Docker

Cloud: Yandex Cloud

MLOps: Airflow