

# Ratibor Sergeev

Machine Learning Engineer

Orsk, Russia

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## EXPERIENCE

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### 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, 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

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### OHTI

Bachelor Degree of Computer Science

Orsk, Russia

2027

## COURSES

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### 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

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**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