

Oskar Sharipov

oskaratwork@riseup.net | github.com/igoose1

Work Experience

Dazzl, job interview simulator Apr. 2023 – present
Software Engineer Remote

- Designed a MVP of a backend system from scratch in a month
- Engineered a flexible system for configuring LLM prompts, allowing non-technical CEO to validate hypotheses in real time
- **Technologies:** FastAPI, asyncio, PostgreSQL, Redis

Maroom, rental housing management Sep. 2021 – Jun. 2022
Software Engineer Remote, Russia

- Engineered a role-aware CRM API for internal use, enabling managers to efficiently compute utility expenses, process product subscriptions, assign housing, and secure sensitive documents
- Reduced code size by 20% through codebase simplification
- Mentored 1 junior programmer, helped to recruit 2 specialists
- **Technologies:** Django Rest Framework, Celery, PostgreSQL

Flypika, outsource app development Jan. – Oct. 2021
Sole Backend Engineer Remote, Belarus

- Managed all DevOps tasks for the project, including deployment and server management
- Identified and resolved a critical bug in an affiliated project that had challenged others, leading to a successful pivot
- **Technologies:** Django Ninja, PostgreSQL

Projects

Secret Santa 2023 – 2025
Maintainer [Github](#)

- Coordinated a global gift exchange for 500+ community members for two years
- Developed a Telegram bot and web interface for registration and anonymous communication
- Designed an algorithm to generate a circular gift-matching cycle, accommodating participants' shipping constraints and preferences
- Managed communication, and conflict resolution, ensuring a 99% gift delivery rate
- **Technologies:** Python, aiogram, FastAPI, MongoDB, Unix shell scripting, jq

Wedne 2023
Maintainer [Github](#)

- Engineered a Python-based system allowing distributed clients to seamlessly synchronize and execute tasks under the guidance of a central server
- Server is written in Python but still capable of handling 4000 RPS
- **Technologies:** FastAPI, httpx, Telethon, Redis, SQLite

Extra

- Teacher of Algorithms and Data Structures at a highly regarded programming school in 2022
- Winner of the All-Russian School Olympiad "Vishaya Proba", ranking in the top 1% of participants

Education

ITMO University 2020 – 2021
Coursework toward Bachelor in Applied Mathematics & Computer Science Russia

- **Courses:** Algorithms and Data Structures, Mathematical Analysis, Discrete Mathematics

Skills

- **Web:** REST, FastAPI, Django
- **Programming Languages:** Python, Go, C
- **Deployment:** Bare metal, Cloud, Docker, Gitlab CI/CD, Github Actions
- **Databases:** PostgreSQL, MongoDB, Redis