

Oskar Sharipov

I am a Python developer. I tend to write efficient software and keep it simple. I am passionate about combining technologies and algorithms, researching elegant ready-made solutions and building software which is maintained with pleasure.

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Education

- 2021 – 2025, HSE University: Bachelor of Science in Software Engineering;
- 2020, ITMO University: first year of Bachelor of Science in Applied Mathematics and Computer Science, relevant coursework: Algorithms and Data Structure, Computer Architecture, Discrete Mathematics, Java.

Skills & Personal Traits

Python: Upper Intermediate

- Django with DRF and Django Ninja for building REST API;
- Write efficient queries in raw or with ORMs (Django ORM, peewee, SQLAlchemy) to SQLite and Postgres databases, used to work with NoSQL databases (Redis, LMDB) as well;
- Test with unittest and pytest, code is often checked by pylint, flake8, safety and less frequently type-hinted and checked by mypy.

C, Go, Java: Pre-Intermediate

- Wrote CLI-tools for myself in C and Go;
- Solved education problems in Java.

English language: Upper Intermediate showed by First in English Exam

I took to Linux and BSD systems like a duck to water. I configure CI/CD using Docker and GitLab runners, administrate DBMS and uWSGI applications, configure nginx and Caddy web-servers, and write shell scripts when it's needed.

I am inventive and flexible mind. I am a team player. I love to review else's code, assign tickets and learn from teammates and open-sourced projects. I worked with Jira, Notion, Slack and Hubstaff for management and communication.

Work & Project Experience

Sep 2021 – Jun 2022, Maroom: part-time middle backend developer. Maintain a legacy Django REST framework application for proptech. I integrated CI/CD, extended and simplified CRM, CMS and client API. Beyond engineering, I assigned problems and participated in hiring process.

May 2021 – Oct 2021, Flypika: part-time backend developer. Was an only backend developer in a project and launched a web-service with Django Ninja, Postgres and Caddy for online store API.

2018 – 2021: part-time freelancer

- Coded Telegram Bots handling 100,000 users;
- Developed *timetable*, a dashboard and utilities for sharing timetable and announcements in advanced schools of Kazan city;
- Led a project with a team of 10 students in Summer Informatics School, there I was writing a kernel source and dealing with an organization of a team and conflict resolving.