

ANGELINA SHEIKO

MIDDLE PYTHON DEVELOPER

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[GitHub](#), [LinkedIn](#), [Leetcode](#)

Stack

- ✓ **Programming languages:** Python - 2.5 years
- ✓ **Python Web frameworks:** Django & DRF, FastAPI
- ✓ **Python Development:** Pydantic, Poetry, Dynaconf, Pytest
- ✓ **Version control system:** Git
- ✓ **Database:** PostgreSQL, Redis
- ✓ **Migrations & ORM:** Django, SQLAlchemy, Alembic
- ✓ **Containerization:** Docker, Docker-Compose
- ✓ **Monitoring:** Prometheus, Grafana
- ✓ **Web servers:** Gunicorn, Uvicorn, Nginx
- ✓ **Languages:** English - C1, Chinese - HSK4, French - A2

Education

Masters of Laws

Saint-Petersburg State
University
2020 - 2022

Bachelor of Laws

Saint-Petersburg State
University
2016 - 2020

Work experience

Backend Developer @ LIS

May 2023-Now

Developed backend services for a computer vision system designed to identify metal defects in real time through video analysis. Contributed into analytics services capable of examining metal samples through multiple photos. The backend consists of 6 services (4 of them were implemented by me).

Developed by me:

- Real-Time Monitoring and Analysis Service: a FastAPI-based REST API with 10 handlers to serve the user interface for monitoring metal quality and equipment condition. Integrated PostgreSQL and Redis for data management, and implemented equipment status monitoring using real-time data streaming via WebSocket.
- Stream Processing Service: Implemented a service for the real-time processing and enrichment of data streams (using Redis Streams). This service detects defects spanning multiple frames and identifying cyclic defects through the results of machine learning algorithms.
- Statistics and Monitoring Service: Developed a service to calculate defect statistics and monitor equipment using data from various sources, including Redis and PostgreSQL. The results are stored back in Redis to facilitate next step analysis.
- Implemented a service using Nginx to transfer metal photos to the interface, supporting visual inspections and quality control.

Stack: FastAPI, Alembic, Dynaconf, Poetry, Postgres, Redis, Gunicorn, Prometheus, Grafana, Docker, Docker-Compose, Gitlab CI, pytest, pre-commit hooks, Nginx.

Junior backend web developer @ Antipoff Group

June 2022-April 2023

Contributed into the "Pre-production Manager" application focused on planning, analyzing, and storing the work results of key industry representatives such as producers and directors.

Developed by me:

- Integrated authentication via Google accounts using social-auth-app-django.
- Implemented a document access system that allows role assignment (view, edit).
- Developed a specialized calendar feature tailored to the unique scheduling needs of movie creators.
- Developed a tool for estimating film projects, equipped with the functionality to generate detailed financial and resource reports.
- Implemented a quota system to manage and monitor disk space usage on a per-user and per-company basis.

Stack: Django, DRF, Celery, Gunicorn, social-auth-app-django, Docker, Docker-Compose, Gitlab CI, Pytest, pre-commit hooks.

Other activities

Internships:

- Intern Web Developer @ EPAM (January 2022 - April 2022)
- Summer school for backend developers @ Yandex (July 2022 - September 2022)

Contributor @ Reflex

[GitHub](#)

- [Issue#1](#), [Issue#2](#), [Issue#3](#)