



# Ihar Yazerski

## Senior Python Developer

I'm a software engineer with more than five years of professional experience in the Information Technology industry. I have a strong background in computer science, rich experience in software architecture design, and knowledge of a wide range of programming languages, technologies, and platforms. Working in the FinTech domain. Experienced in modern RESTful API design and development, CI\CD, messaging, testing, ML, interviewing, and engineering management.

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## ◆ TECHNOLOGIES

FastAPI, Flask, Sanic, aiohttp, Django, SQL, PostgreSQL, MySQL, MongoDB, SQLAlchemy, RabbitMQ, Redis, Kafka, Celery, Docker, Traefik, Jenkins, Ansible, Bazel, Airflow, Prefect, NumPy, Pandas, Gensim, spaCy, Scikit-learn, SciPy, Swagger, Selenium, Scrapy

## ◆ WORK EXPERIENCE

### Senior Python Developer

#### DataArt

02/2022 - Present

Tbilisi, Georgia

#### Projects

- ◇ Senior software engineer in the Trading Services team on the FinTech project by a US-based customer. Responsible for backend development (microservices, core), code review, architecture design, test coverage, and troubleshooting. Technical stack: *REST API (Python, FastAPI, Flask), data processing (Bloomberg API, pandas), messaging (Kafka), database (PostgreSQL), CI\CD (Bazel, Kubernetes, Docker)*

### Senior Python Developer

#### Globant

08/2021 - 02/2022

Minsk, Belarus

#### Projects

- ◇ Senior software engineer on the financial valuation and modeling system by one of the Big Four accounting organizations. Responsible for backend development (microservices), architecture design, test coverage, and mentorship. Technical stack: *REST API (Python, Sanic), messaging (Celery, RabbitMQ), database (MongoDB, Redis), CI\CD (Docker)*
- ◇ Junior engineering manager in Minsk development center. Responsible for career growth, mentoring, interviewing, and conflict resolution in the Python team with more than 10 members.
- ◇ Technical interviewer for Python team candidates. Responsible for communication with international candidates on technical (code basics, algorithms, OOP, databases, testing, design patterns, etc.) and common (problem-solving, communication with a customer, self-education, etc.) questions. Participated in more than 15 interviews.

## WORK EXPERIENCE

### Data Scientist

#### Silk Data

05/2018 - 08/2021

Minsk, Belarus

##### Projects

- ◇ Architect and project manager of the extension from Chrome Web Store for analysis and summarization of Google search results. Technical stack: *REST API (Python, FastAPI), summarization (spaCy, own implementation of TextRank)*.
- ◇ Data Scientist and backend developer on the ML-based plagiarism system (which is able to analyze more than 10 million records) for one of the lead South African universities. Technical stack: *REST API (Python, FastAPI), messaging (Celery, Redis, RabbitMQ), text analysis & comparison (spaCy, Gensim, Scikit-Learn), CI\CD (Docker)*.
- ◇ Data Scientist and backend developer on the legal contracts analysis system (clauses detection, referencing to laws, etc.). Technical stack: *REST API (Python, FastAPI), classification (spaCy, Umap, Scikit-Learn), database (PostgreSQL), CI\CD (Docker, Jenkins, Ansible)*.

### Python Developer

#### CIB Software

09/2017 - 05/2018

Minsk, Belarus

##### Projects

- ◇ Engine developer on the multilingual OCR system. Technical stack: *C++, Tesseract*.
- ◇ Backend developer on the vacancies analysis system for HR specialists. Technical stack: *REST API (Python, Flask), topic modeling & text comparison (spaCy, Gensim)*.

## OPEN SOURCE

### pydeployhelp

- ◇ [pydeployhelp](#) is CLI tool that helps integrating deploy (via Docker) to Python [↗](#)

### cookiecutter-api

- ◇ [cookiecutter-api](#) is a cookiecutter template for web-service RESTful API on Python [↗](#)

### pyRandSeqBot

- ◇ [pyRandSeqBot](#) randomly generates a queue for the entered list (for example, the order of speakers at the meeting) [↗](#)

## EDUCATION

### Information systems and technologies in economics (Software Engineer)

#### Belarusian State University of Informatics and Radioelectronics

09/2015 - 07/2019

Minsk, Belarus

## LANGUAGES

English  
Upper-Intermediate

Belarusian  
Proficient

Russian  
Proficient

German  
Elementary Proficiency