

Igor Cherniakov

Python Backend Developer



Saint- Petersburg, 195220 Russia



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Pythoneer, software engineer dedicated to improving skills through hands-on learning and development work. Proficient in mobile and desktop development environments. Team player with strong communication and analytical skills, well-organized and reliable.



Github

- <https://github.com/pychik>
 - Yandex practicum graduate work -
https://github.com/pychik/graduate_work
 - Best Python practice from my own perspective
https://github.com/pychik/lightning_py



Skills

- Python
- Django
- Flask
- FastApi
- Postgresql
- Github
- Redis
- Kafka
- ElasticSearch



Work History

- **Chief Engineer**
Zenner GMBH, Saint- Petersburg
 - **Worked independently to design, develop and test code.**
 - **2021** - wrote an application on **Django +Postgresql+ Bootstrap4** a data telemetry from state institutions water meters of St. Petersburg Kalininsky district (*needs full code refactoring*).
 - **2022** - moved telemetry app from **heroku** to **yandex cloud** with **docker+nginx+unicorn**.
- **Engineer/Chief Engineer**

2021-01 - Current

2015-01 - 2020-12

Zenner GMBH, Saint- Petersburg

- Established procedures for corrective and preventive maintenance.
- Managed project documents, blueprints and specifications.
- **2016** - wrote **CLI Python** telemetry application heat meters requester using MBUS protocol with final save in Excel
- **2017** - wrote **GUI PyQt5+Sqlite** application polling heat meters using MBUS protocol. **Features:** archive, excel reports, user-editable schedule, license as a file with an encrypted key.
- **2018-19** learned about django. Wrote several web applications for testing new type heat meters, water meters, allocators with Lorawan protocol: **Django+Sqlite+Bootstrap**

2011-07 - 2014-12

Project Coordinator/Engineer

Zenner GMBH, Saint- Petersburg

- Supervised 18 projects from the start through delivery by prioritizing needs and delegating assignments. (tenders for installation of engineering networks)
- **2013** - took American courses **udacity.com** : **web scraper with Python**
- **2014** - made a script with **Python+Selenium** to cheat website visits, and then began to use Python at work.

2022-03 - 2022-10

2022-01 - 2022-03

2013-06 - 2013-08



Additional Education

Python Middle Developer

Yandex Practicum - <https://practicum.yandex.ru/middle-python/>

Student: Generation Python. Starter And Advanced Courses

Stepik.org - <https://stepik.org/>

Student: Python, Building A Search Engine

Udacity - <https://www.udacity.com>



University education

Saint- Petersburg Polytechnic University

Degree - Master of Science in Technical Physics



Languages

English B2

Russian



Hobbies

Raspberry Pi + Arduino + Python (as a deep python diver) pet_projects. For example:

- smart greenhouse
- automatization scripts for energy consumption data transfer to energy companies.

Also free time

- hiking, running, architecture, boxing