Igor Cherniakov

Python Backend Developer

📍 Saint- Petersburg, 195220
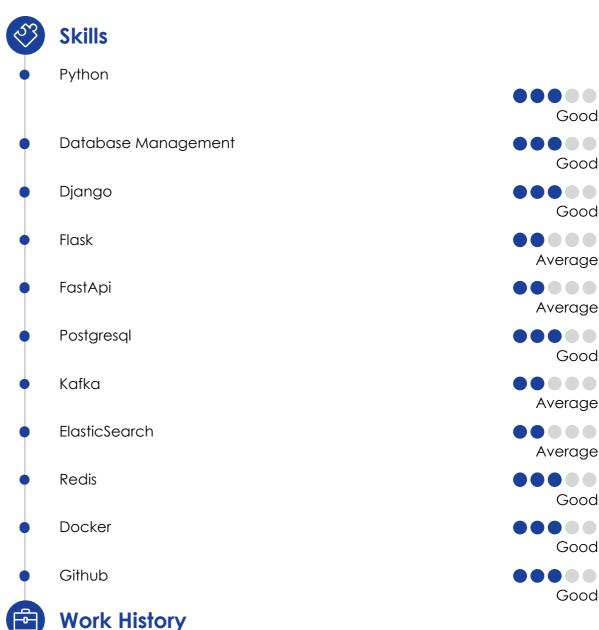
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Software Engineer Intern dedicated to improving skills through hands-on learning and development work. Proficient in mobile and desktop development environments. Well-organized and collaborative team player with strong communication and analytical abilities.
Organized and dependable candidate successful at managing multiple priorities with a positive attitude. Willingness to take on added responsibilities to meet team goals.

Skills

Python ●●●○○ Good

Database Management ●●●○○ Good

Django ●●●○○ Good

Flask ●●○○○ Average

FastApi ●●○○○ Average

Postgresql ●●●○○ Good

Kafka ●●○○○ Average

ElasticSearch ●●○○○ Average

Redis ●●●○○ Good

Docker ●●●○○ Good

Github ●●●○○ Good

Work History

2021-01 - Current

Chief Technical Officer

Zenner Gmbh Saint- Petersburg, Saint- Petersburg

- **Designed and developed application scripts for test scenarios.**
- **Worked independently to design, develop and test code.**
- Maintained high-level knowledge of current and emerging technology development and applications.
- Explained technical information in clear terms to promote better understanding for non-technical users.
- Maintained thorough understanding of all key and current technologies, platforms and trends.
- **2021 -** wrote an application on **Django +Postgresql+ Bootstrap4** a data telemetry system from state institutions watermeters of the Kalininsky district of St. Petersburg (needs full code refactoring).
- **2022** - moved telemetry app from **heroku** to yandex cloud with **docker+nginx+gunicorn.**
- **2022 -** tried **flask, fastapi, elasticsearch, clickhouse, kafka, redis** and graduated Yandex Practicum python middle backend developer courses

2015-01 - 2020-12

Engineer/Chief Engineer
Zenner GMBH, Saint- Petersburg

- Established procedures for corrective and preventive maintenance.
- Managed project documents, blueprints and specifications.
- Worked independently to design, develop and test code.
- **2016** - wrote a **CLI python** telemetry application heat meters requester using the mbus protocol with final save in Excel
- **2017** - wrote a **GUI PyQt5+sqlite** application polling heat meters using the mbus protocol with an archive and excel reports, requesting system was implemented with user-editable schedule, a license was issued to the user in the form of a file with an encrypted key.
- **2018-19** learned about django:
- a web application for testing Lorawan protocol on new type heatmeters and watermeters: **Django+ sqlite+ Bootstrap**
- a web application for verifying heat_allocators using the Lorawan protocol: Django+ sqlite+ Bootstrap.

2011-07 - 2014-12

Project Coordinator/Engineer
Zenner GMBH, Saint- Petersburg

- Supervised 18 projects from project start through delivery by prioritizing needs and delegating assignments. (tenders for the installation of engineering networks, commissioning of fire systems, repair of premises on the territories of state institutions)
- Interpreted blueprints and technical drawings to analyze upcoming projects.
- **2013** - took free American courses on udacity **web scraper with python**
- **2014 -** made a script on selenium to cheat site visits), and then I began to use python at work (a screener for fixing the work of employees, for example).

2010-09 - 2010-12

Trainee Engineer
FERRITE-DOMEN Factory, Saint-Petersburg

- Maintained contemporary technical knowledge of engineering concepts.
- Collaborated with senior engineers on complex projects.

- Assisted with coordination of new equipment installation and implementation.

🎓 Education

1996-09 - 1999-05

No Degree: Junior School
Jewish School - Saint- Petersburg
http://school-shamir.ru/

1999-09 - 2005-06

High School Diploma
Gymnasium №524 - Saint- Petersburg

2005-09 - 2011-05

Master of Science: Technical Physiks
Saint- Petersburg Polytechnic University - Saint- Petersburg

2022-03 - 2022-10

Python Backend Middle Grade Developer
Yandex Practicum - World Wide Web

🚩 Languages

English
●●●○○
Good

Russian
●●●●○
Very Good

📌 Hobbies

Raspberry Pi + Arduino pet_projects,
- smart greenhouse
- data telemetry scripts for meters data transfer to energy companies automatisation .

Sports and Travel
- hiking

📌 github

https://github.com/pychik
- Best python practice from my own perspective
https://github.com/pychik/lightning_py