Igor Cherniakov

Python Backend Developer

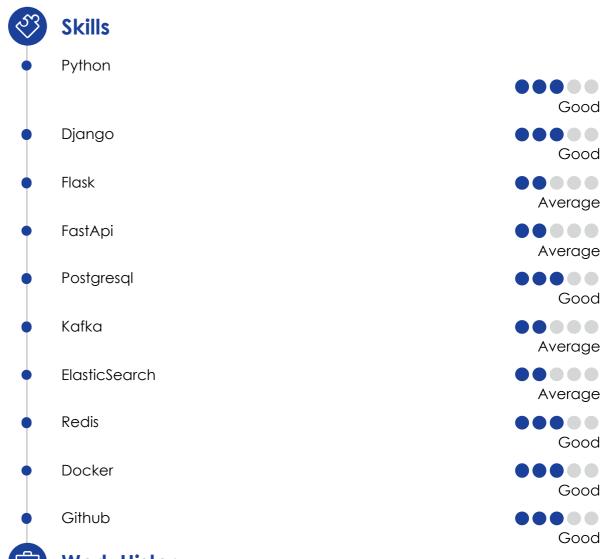
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What is python in brief? Programming language with best import module-import good_cv..

Pythoneer, Software Engineer Intern dedicated to improving skills through handson learning and development work. Proficient in mobile and desktop development environments. Team player with strong communication and analytical skills who is well-organized, reliable, and collaborative.



2021-01 - Current

Work History

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 a deep understanding of all the most important and up-todate technologies, platforms, and trends.
- Explained technical information in simple terms so that non-technical users could understand it better.
- Maintained thorough understanding of all key and current technologies, platforms and trends.
- **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+gunicorn**.
- 2022 have completed the course in python middle backend development at Yandex's Practicum. Experimented with flask, fastapi, elasticsearch, clickhouse, kafka, redis.

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 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 with archive and excel reports, requesting system was implemented with user-editable schedule, license was issued to user as a file with an encrypted key.
- 2018-19 learned about django:
- web application for testing Lorawan protocol on new type heat meters and water meters: Django+ Sqlite+ Bootstrap
- web application for verifying heat allocators using 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 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 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 (spy_screener for fixing 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 large projects.
- Assisted with coordination of new equipment installation and implementation.
- Graduated with master degree in "Technical physics"



Education

2022-03 - 2022-10

2021-06 - 2021-10

2013-06 - 2013-08

2005-09 - 2011-05

1999-09 - 2005-06

Python Backend Middle Grade Developer

Yandex Practicum - World Wide Web

 Student: Generation Python. Starter And Advanced Courses

Stepik.org - Https://stepik.org/

Student: Web Scraper With Python

Udacity Python Start Web Course - Https://www.udacity.com

Master of Science: Technical Physics

Saint-Petersburg Polytechnic University - Saint-Petersburg

• Elder student

High School Diploma

Gymnasium №524. Physics And Mathematics Class - Saint- Petersburg



Languages

English







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