



Egor Sadyrev

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Python Backend Developer (Django)

While studying for my master's degree, I learned the basics of the Python language for engineering tasks. Now I am studying this language for web programming and I am very interested in learning new things. Previously, I worked in electronics manufacturing for almost 10 years, and I have experience in developing embedded software.

My project, <https://sensorlist.ru/>, was created for training purposes. The website aggregates sensors from different manufacturers, provides a convenient parametric search, and allows users to find analogs. During the project, I gained practical experience with Django, JavaScript, HTML, CSS, Bootstrap, SQLite, Git, and Docker.

The project repository is available at <https://github.com/egorsea/SL>."

Key skills

Programming languages: Python, JavaScript

Frameworks: Django

Front-end: HTML, CSS, Bootstrap

Other: SQLite, PostgreSQL, Git, Docker

Languages – Russian — Native, English — B2 — Upper-Intermediate

Python libraries: Telegram API, Requests, Google API, Pandas, Numpy, Matplotlib, BeautifulSoup, OpenCV, Scikit-image, PyTorch.

Educational History

South Ural State University (Russia)

2021 — 2023

Master's degree, School of Electronic Engineering and Computer Science, Department of Information-Measuring Engineering

South Ural State University (Russia)

2008 — 2013

Engineer's degree, School of Electronic Engineering and Computer Science, Department of Control and informatics in technical systems

Professional History

March 2021 —

Deputy Chief Designer, «NPK TEK» (Russia)

October 2022

Leading the electronics department. Project management.

January 2018 —

Senior electronics engineer, «NPK TEK» (Russia)

March 2021

Concept, schematic, PCB design and testing, firmware development.

February 2013 —

Electronics engineer, «NPO ELECTROMASHINA» (Russia)

December 2017

Designing a fire alarm and fire protection systems.