



# Alexey Golovnia

## Data Engineer

### Contacts

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📍 Minsk, Belarus

### Skills

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- Apache Airflow, NiFi, Kafka, PostgreSQL
- Prometheus, Alertmanager, Grafana
- Python, Pandas, Scikit-learn, Numpy, Matplotlib
- Docker
- Git
- Swift, SwiftUI

### Languages

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- English: Intermediate (B1)
- Russian: Native
- Belarusian: Native

### Projects

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#### [Website metrics monitoring](#)

nov 2022

Tracking website visits with visualization in Grafana and notifications in Telegram. Deployed in Docker.

*Prometheus, Alertmanager, Grafana, Docker, Telegram-bot*

#### [Creation and filling of the database](#)

oct 2022

Airflow-process for automatic filling of a PostgreSQL database with data preprocessing.

*Python, Pandas, Apache Airflow, PostgreSQL, SQLAlchemy*

#### [Handwritten number recognition](#)

apr 2022

Number recognition using a self-written feedforward neural network.

*Python, Numpy, Tkinter*

#### [Daily planner](#)

mar 2021

Daily planner with reminders and widgets for Iphone.

*Swift, SwiftUI, WidgetKit, UserNotifications*

### Experience

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#### Minsk Electrotechnical Plant

oct 2012 – now

Specialist and Team Lead. Lot of projects: automation of design, technological and office document management.

*Intermech Search, Cadmech, Techcard, AVS, Imbase*

jul 2005 – oct 2012

Machine tool construction designer.

*T-flex CAD*