

# AMIR KHANOV

Saint-Petersburg, Russia

 [+79625532555](tel:+79625532555)

 [kentavrex](https://github.com/kentavrex)

 [darlycerher@gmail.com](mailto:darlycerher@gmail.com)

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## EDUCATION

**National Research ITMO University**  
*Bachelor of Software Engineering (SWE)*

**Sep. 2021 – present**  
*Saint-Petersburg, Russia*

## SKILLS

<b>Programming Languages</b>	Python, Java, SQL, Bash
<b>Frameworks</b>	FastAPI, Flask, Django
<b>Instruments</b>	PostgreSQL, SQLAlchemy, Pytest, Git, Docker
<b>Languages</b>	Russian (native), English (Advanced)

## EXPERIENCE

**Selectel**  
*Python Backend Developer*

**Oct. 2022 – present**  
*Saint-Petersburg, Russia*

**Technology stack:** Flask, FastAPI, PostgreSQL, Alembic, Pydantic, Docker, GitLab

- Developed the backend for a service as the Google Calendar using the 'Repository pattern' implementation as an additional level of abstraction
- Created api endpoints for DCIM system using **JsonRPC** and **REST API** protocols
- Participated in **code review** of colleagues
- Created articles in **Confluence**
- Used GitLab **CI/CD**, **Git** and a task tracking system **JIRA**

## PERSONAL PROJECTS

**RESTful Service** | *Python*

[GitHub](#), 2023

- The program accepts **HTML** requests from client, as 'to add user' or 'to search all product cards of this user', and sends responses
- For the data storage there be used **PostgreSQL** as database, SQLAlchemy ORM, Alembic for the **migrations**, and MinIO as an **S3 storage**. So you can work with videos, files, images and whatever you want!
- The whole app you can run just with a simple **docker** command

**Client-Server application** | *Java*

[GitHub](#), 2022

- Implemented a console application that manages data interactively
- Implemented data conversion from **JSON** and validation on the client with sending ready-made instances to the server and to database **PostgreSQL** for execution
- Programming patterns implemented: Singleton, Iterator, Commands, Decorator

## ACHIVEMENTS

- Olympiad for students "Rosatom" in mathematics 2020, Prize Winner
- Olympiad for students "Kurchatov" 2020, Prize Winner