

Ilya Khorunzhiy

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Education

Sep 2020 - Aug 2024 **Moscow Institute of Physics and Technology**
Bachelor's Degree
Applied Mathematics and Computer Science

Relevant coursework: Algorithms and Data Structures, Programming Technologies, Optimization Methods, Databases, Computer Architecture and Operating Systems.

Sep 2022 - Aug 2024 **Tinkoff Backend Academy — Scala**
Software Engineering and Backend Development

Projects

BUSY — Python: aiohttp, aiogram; JS: Voximplant; PostgreSQL, Redis

- Developed and implemented an API for the interaction of the **Voximplant** platform and **aiogram** Telegram bot.
- Used **SQLAlchemy** to interact with **PostgreSQL**
- Implemented sending commands and messages via a **websocket** connection.
- Set up a webhook for receiving and sending SMS-messages.
- Used the **Scrum** technique for **team** product development.

Sales platform — Python

- Developed a website for the cashier to mark the purchased goods.
- Implemented using the **Django** framework with **MVC** pattern.
- Deployed using **Nginx** web server and HTTP server with Python web server gateway interface - **Gunicorn**.

Air transportation database processing — Java

- Implemented an interface that allows to download data from a URL link, upload it to a database of interconnected tables in **PostgreSQL**, execute SQL queries.
- Used the Java Database Connectivity (**JDBC**) API.

Skills

Programming languages	Python, Java, Scala, C++, C, Golang
Developer tools	Git, CI/CD, Nginx, Docker, PostgreSQL
Languages	English(Upper-Intermediate), Russian(Native)