

# Ivan Reznichenko

Backend Software Engineer

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**Summary:** Python Developer with 3 years of experience in software development and 10+ years of total in IT with solid analytical, problem-solving, and troubleshooting skills. I have a strong engineering background in data center networks, firewalls, and network automation. I am committed to innovation, efficiency, and delivering high-quality solutions.

**Key skills:** Python | FastAPI | SQLAlchemy | Pydantic | Django | Django REST Framework | SQL | PostgreSQL | Django ORM | Redis | Git | CI/CD | GitHub Actions | Docker | Linux | Jira | Agile | Scrum

## PROFESSIONAL EXPERIENCE

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**Softocean GmbH** (08.2023 – present)

Remote

*German software development company, startup in ERP, CRM, and SAAS*

### Python Backend Developer

I took charge of designing and implementing a sophisticated project and task management system:

- Engineered architecture that laid the foundation for seamless system performance
- Developed backend endpoints for optimal functionality, ensuring a smooth user experience by using FastAPI, Websockets, SQLAlchemy, Redis, and PostgreSQL.
- Implemented unit tests using Pytest, guaranteeing the reliability and stability of the entire system
- Integrated GitHub Actions for seamless automation: linting, testing, and delivering

**Breaking Barriers** (01.2023 – 08.2023)

Remote

*Non-profit organization whose mission is to lend a helping hand to children with disabilities*

### Python developer

Developed the application, whose purpose is to help children with disabilities adapt to their everyday tasks through the fun gaming format. It includes a web portal for psychologists and the Telegram chatbot that allows for open communication between psychologists and children. We utilized FastAPI, SQLAlchemy, python-telegram-bot, and PostgreSQL. My contributions to the project were:

- refactoring the error-raising and -handling system for the increasing flexibility and reusability of the code
- a reporting system that generates customized reports in MS Excel, according to customer needs, using the openpyxl Python library.

**Rostelecom Data Centers** (11.2014 – 08.2022)

Krasnodar, Russia

*The largest domestic IT service, cloud and telecommunication provider*

### Senior Network Engineer

- Lessened by 66% deployment time and decreased to 30% support time by designing and launching a data center network automation solution that used Python, Jinja2 for templating, netmiko and requests for integrations.
- Reduced by 40% human costs for the project by developing a security policy migration tool for swapping 14 firewall clusters to the new vendor, utilizing Python, lxml, and requests for integrations.
- Enriched up to 0,9999 availability of the client's private cloud by engineering a Local and Global Server Load Balancing solution across distributed data centers.

## CO-PROFESSIONAL LEADERSHIP

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**Hackathon Yandex.Market.** Python backend developer, 06.2023 – 06.2023

Remote

Architected and developed a FastAPI-based backend for the ML model aimed at choosing suitable packaging sizes based on cargo weight and dimensions by utilizing SQLAlchemy, PostgreSQL, httpx for integrations, and GitHub Actions for CI/CD. Led a team of two backend developers.

## EDUCATION

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**Novosibirsk State Technical University**

Novosibirsk, Russia

- Master's Degree in Information Technology (1993 – 1999)

## COURSES

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|-----------------------------|---------------------------------------|------|
| • Asynchronous Architecture | SIA Software Development & Consulting | 2023 |
| • System Analysis           | SIA Software Development & Consulting | 2023 |
| • Python Developer          | Yandex.Practicum                      | 2022 |

## ADDITIONAL INFORMATION

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- Languages: Russian (native), English (B2), Spanish (A2)
- Work permit: Spain