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

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

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

Novosibirsk State Technical University   Novosibirsk, Russia
- Master's Degree in Information Technology (1993 – 1999)

COURSES

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

ADDITIONAL INFORMATION

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