Anton Safonov

Python Backend Developer

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About Me

Backend developer with experience in designing scalable APIs, ETL pipelines, and microservice systems. Confident working with production workloads, DevOps tools, and analytics platforms. I enjoy diving into complex systems, writing clean code, and delivering stable results. I immerse myself in the business domain and understand frontend and product needs, which helps in building coherent solutions. Comfortable with both deep technical tasks and communication with teams and stakeholders.

Technical Skills

Python, FastAPI, Django, SQLAlchemy, PostgreSQL, ClickHouse, Redis, RabbitMQ, Elasticsearch (ELK), Docker, Git, CI/CD, Prometheus, Grafana, Loki, Sentry, Yandex Cloud, arq, async, asyncio, microservices, REST API, JavaScript, TypeScript, Vue.js, HTMX, Tailwind CSS, PostHog

Experience

Fullstack Developer (Python, React)
KEYGO (property management)

May 2025 – Present
Moscow, Russia (Remote)

- Restructured frontend codebase to align with FSD architecture principles and designed comprehensive widget and component system
- Built host application from scratch and provide full technical ownership of both staff and host applications

Stack: Python, FastAPI, MongoDB, Redis, React, Next.js, TypeScript, Redux, Sass

Python Backend Developer
Realytics (AI performance analytics for consumer businesses)

Mar 2024 – Apr 2025
Nicosia, Cyprus (Remote)

- Worked on a rule-based engine for aggregating organizations by brand
- Designed and implemented an API microservice for address parsing and cleaning using LLMs and a localization microservice
- Built a high-performance ETL pipeline for aggregating and processing data from complex sources
- Developed a robust API for B2B clients with a focus on extensibility, customizability, auditability, and historical traceability

Stack: Python, FastAPI, Clickhouse, PostgreSQL, Redis, RabbitMQ, Docker, Prometheus, Grafana

Python Backend Developer
e-comet.io (analytics and promotion automation service for Wildberries)

Jan 2022 – Mar 2024
Moscow, Russia

- Optimized high-load analytical API, reducing ClickHouse load by 20% and API response time by 40% through query and architecture optimization
- Developed a rule-based advertising automation engine with flexible configuration and marketplace integration
- Built core app modules: analytics, AI review responses, payments, data collection
- Implemented fail-safe logic for critical business operations like pricing and budgeting, including fallback for marketplace API or internal service outages
- Worked closely with founders to implement custom high-efficiency solutions for enterprise clients

Stack: Python, FastAPI, Django, Clickhouse, PostgreSQL, Redis, RabbitMQ, Docker, Elasticsearch, Yandex Cloud

Projects

AI Tarot - Telegram Mini App - @TarotMeowBot
2024

- Built an AI product from scratch as the sole engineer and product owner: designed the architecture, implemented backend, frontend, Telegram bot, payment system, analytics, notifications, localization, referral program, CI/CD. Acquired 700 users; day/week/month retention was 59%/33.8%/23%. Onboarding completion was 92%, 52% used up the free quota, over 5% converted to paying users. Made all product and UX decisions based on analytics and interviews.

Stack: FastAPI, aiogram, arq, SQLAlchemy, Redis, Typescript, Vue, Pinia, Tailwind, Docker, PostHog

Industrial Production Planning System
2023

- Designed and developed a web app to manage manufacturing processes for an enterprise with 200+ employees. Implemented dynamic nested forms, drag-and-drop planning UI, RBAC, and real-time analytics. The solution reduced planning time by over 200 hours per month. Worked directly with stakeholders to gather requirements.

Stack: Django, HTMX, Alpine.js, Bootstrap, Grafana, Loki, Sentry, Docker

Education

National Research University Higher School of Economics
2020 – 2024

Bachelor's - Applied Mathematics and Computer Science

Faculty of Computer Science