# Anton Safonov

Python Backend Developer

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#### ABOUT ME

Backend Developer with strong product mindset and startup experience. Confident working with Python (FastAPI): design scalable APIs, integrate AI/LLM and build reliable microservice systems. Have fullstack development experience (Vue, React) which helps consider frontend requirements and create cohesive solutions. Prefer rapid iterations and actions over discussions, deeply immerse myself in business context and deliver tasks to stable results.

## TECHNICAL SKILLS

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

### EXPERIENCE

## Fullstack Developer (Python, React)

May 2025 – Present

KEYGO (property management)

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

Mar 2024 – Apr 2025

Realytics (AI performance analytics for consumer businesses)

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

Jan 2022 – Mar 2024

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

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

Built fullstack web app for manufacturing management (200+ employees): dynamic forms, drag-and-drop UI,
 RBAC, real-time analytics. Reduced planning time by 200+ hours/month.

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

#### EDUCATION

# National Research University Higher School of Economics