

# Anton Safonov

Python Backend Developer

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## ABOUT ME

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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

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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

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### 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

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### 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

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National Research University Higher School of Economics

2020 – 2024

*Bachelor's - Applied Mathematics and Computer Science*

*Faculty of Computer Science*