

Maxim Averin

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I am a backend developer with 5+ years experience working in startups, and big corporations. Led small teams up to 5 persons and created 2 startups in a role of founder/product manager. One of them was an analytical platform for marketplaces with 15k+ MAU

EXPERIENCE

- **Dex.guru** Remote
Oct 2021 - Mar 2023
Senior backend developer
 - **ETL-pipelines:** Build ETL pipelines with 10GB data per day, refactored whole financial pipeline (candles, analytics, trading terminal) - it gave x1,5 overall speed
 - **Data storage:** refactor internal Redis storage, optimize Elasticsearch queries, made custom admin panel for Redis
 - **Led data source research:** connect new chains, read DEX papers (uniswap v2, uniswap v3, Curve, 1inch), implement complex algorithms for adding new DEXes in platform
 - Wrote and optimized solidity NFT contracts with merkleTree storage for sale
 - **Technologies:** Python, FastAPI, Elasticsearch, Redis, RabbitMQ, Solidity, Kibana
- **X5 Retail Group** Remote
Feb 2020 - Apr 2021
Senior Python developer
 - Lead backend development of new backoffice financial CRM "Import", made architecture, technical decisions.
 - Made JWT-token authorization flow with DRF and event-based system for trading goods
 - Participated in developing partners-microservice with FastAPI, MongoDB, Rabbitmq, connected different data sources
 - **Technologies:** Python, Django, PostgreSQL, MongoDB, Redis, Celery, RabbitMQ, Asyncio, Docker
- **Lamoda** Moscow
June 2019 - Feb 2020
Middle Python/Golang developer
 - Developed several integrations with 3-rd part services, closed dech-debt, dockerized and refactored go/python legacy projects
 - Made new golang microservice "Likes" from scratch (including architecture, sql queries, deploy to production and tests), send events across services with Kafka
 - **Technologies:** Python, Django, PostgreSQL, Redis, Celery, Docker, Go, Kafka, jsonRpc, Swagger, helm, Grafana

Earlier:

- **BestDoctor:** launched new internal CRM for salesmen, refactored JWT-auth flow for web and mobile, made sql optimizations, integration with different APIs. Tech: Python, DRF, Celery, GraphQL, PostgreSQL. 05/2018 - 05/2019
- **Zerion:** worked as python dev with Django/Tornado stack. Develop internal services, such as async payment processor for tracking and applying transactions in ethereum, authgateway. Wrote smart contracts with unit-tests. Organized blockchain meetup and workshops 02/2017 - 02/2018
- **Jetbrains:** summer internship at Stepik.org, made [microservice](#) that enables platform material translations api, 2017

PROJECTS

- **WB Radar** Remote
Sep 2021 - May 2022
Co-founder (CPO, CTO)
 - Analytics platform for sellers at Wildberries (top-1 marketplace in Russia, revenue – \$ 1.5bil+)
 - **Metrics:** MAU – 15k B2B users, overall userbase: 35k+, 220k notifications sent everyday. More than 50mln orders, sales, warehouse reports in database.
 - **Zero cost marketing:** 150 users comes everyday with 50% conversion leave in product, viral growth, bloggers advertised us for free, NPS - 55
 - **Product:** made 15+ B2B custdevs, market research, built product roadmaps & prioritized product features
 - Managed team of 4, hired dev and support, automate support-tools with zero-coding and custom admin-panel
 - **Tech:** launched high-load service from scratch with Python asyncio, Golang message distribution microservice, Celery jobs, PostgreSQL with index optimizations, metrics in Grafana, Docker and DO for deployment

EDUCATION

- **ITMO University** Saint Petersburg
Fall 2015 – Spring 2018
Bachelor of Science in Applied Mathematics and Informatics

HONORS AND AWARDS

- 3+ Hackathon prizewinner ([VK](#), [mABBYlity](#), Spring hack) in 2016 – 2019. Roles: Pitcher, Backend, Team leader
- OpenSource at [Zulip](#), gave talk about this experience with [slides](#) on [SPb Python Meetup 29](#)
- Prizewinner of Russian Team Olympiad in Informatics, 3rd diploma - competitive programming contest at highschool

TECHNOLOGY SUMMARY

- **Languages:** Python, Golang, Javascript, Solidity
- **Frameworks:** FastApi, Django, gRPC, GraphQL
- **Tools:** PostgreSQL, Redis, Elasticsearch, Kafka, RabbitMQ, Celery, MongoDB, Docker, Git
- **Soft skills:** Product managment, Custdevs, CJM, prototyping, market research

LANGUAGES

English (*Advanced*), German (*Pre-intermediate*), Russian (*Native Speaker*)