Oleg Rudenko
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SUMMARY

Software Engineer with 2 years in commercial cloud environments. Experienced in building and maintaining scalable, high-load backend systems and robust APIs for billing and financial operations. Collaborates closely with product teams, business analysts, and cross-functional stakeholders to deliver user-centric, reliable solutions. Passionate about designing systems that handle complex financial data, optimize operational efficiency, and enable seamless customer experiences.

EXPERIENCE

Yandex Cloud Billing - Metering

- *Software Engineer / FeatureLead* — *July 2024 - Present*

  Golang | Kafka | Docker | Prometheus | Grafana | PostgreSQL | ClickHouse | Terraform | Linux

  - Improved metrics processing by 40% and cut resource usage 3x by migrating the pipeline from Python to Go
  - Increased throughput of 6 services by $28\% - 65\%$ by switching data exchange from JSON to Protobuf.
  - Launched a new detailing service with private/public gRPC APIs, enabling new user features and frontend integration.
  - Built monitoring and observability for new services, improving reliability and incident response (Grafana, Prometheus).
  - Ensured project delivery and team growth by leading 2 developers as feature lead.

Yandex Cloud Billing - Product Lifecycle Management

- *Software Engineer / FeatureLead* — *July 2023 - July 2024*

  Golang | Python | FastAPI | PostgreSQL | Docker | Linux | Vue.js

  - Automated SKU management by designing and implementing a scalable API service (FastAPI, PostgreSQL).
  - Cut the time-to-market for SKU updates and pricing changes from 3 weeks to 1 day, significantly accelerating product launches.
  - Acted as feature lead for a 3-engineer team, driving project delivery and mentoring colleagues in system design and code quality.
  - Built a user-friendly interface in Vue.js to simplify product lifecycle management, ensuring adoption by non-technical teams.
  - Improved reliability and rollout consistency by deploying with Docker and cloud-native pipelines.
  - Boosted maintainability and stability by implementing a full testing strategy (unit, integration, acceptance with Pytest).

Altayvitaminy Trading

- *Data scientist intern* — *July 2022 - Aug. 2022*

  Python | SQL | Statistics | Excel

  - Optimized ad campaign evaluation, reducing company spending by 7% through ROI analysis.
  - Analyzed internal and external datasets to provide market insights and recommend business model adjustments.

EDUCATION

- ### Higher School of Economics
  Bachelor of Engineering and Technical Science: Applied Mathematics — *Sept. 2021 - Jun. 2025*

Relevant courses: Computer Science, Functional Analysis, Optimization Methods, Numerical Methods, Databases.

PROJECTS

- ### Lotka Project at university
  Python | Parsing | PostgreSQL | Django | Git — *Feb.2023 - March.2023*

  - Implemented parsing of data about articles from eprint via Requests and BeautifulSoup libraries
  - Implemented the function of auto-parsing of data and automatic downloading of files via Requests library.
  - Created the main page with articles, authors, categories information and file links to own database.

- ### Route optimization for visiting points of interests
  Python | API | Git — *Apr. 2022 - May 2022*

  - Implemented a service for obtaining data and putting them on the map via OpenRouteService APIs.
  - Created a map with plotted apartments, points of interest available zones and routes.
  - Implemented the shortest path search algorithm with drawing this route on map.

PROGRAMMING SKILLS

- **Languages**: Golang, Python, SQL
- **Technologies**: Linux, Docker, Kafka, Terraform, Prometheus, Grafana, Git, Vue.js
- **Knowledge**: Databases, Algorithms, Data Structures, Network Protocols