

Khorokhorin Mikhail

Python Backend Developer

19 years old

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ABOUT ME

Backend developer with over one year of experience. Involved in the full lifecycle of backend development: **API design, business logic implementation, and database management**. Experienced in leading a small team at a startup, responsible for task planning, code review, and coordinating development.

WORK EXPERIENCE

Oriole Startup — Team Lead & Python Backend Developer

February 2025 – August 2025 (7 months)

RESPONSIBILITIES

- Led a team of backend developers: assigned tasks, conducted code reviews, and monitored quality and deadlines;
- Developed backend using **FastAPI** and **SQLAlchemy**, implementing a scalable and clean architecture;
- Designed and implemented a system for managing groups, courses, and modules, including a multi-level structure of tasks and solutions using polymorphic models;
- Implemented asynchronous task processing and periodic checks with **Celery** and **Celery Beat** (**RabbitMQ** as broker);
- Designed and normalized database structure (**PostgreSQL**), improving data consistency and query performance;
- Optimized user access logic and permissions validation, integrated with group join requests and invitations;
- Prepared internal API and architecture documentation, streamlining onboarding and development of new modules.

ACHIEVEMENTS

- Successfully launched the project's first **MVP**, ensuring stable operation of all core modules;
- Reduced API response time by 35% through query optimization and asynchronous processing;
- Conducted a major refactor of the service layer, separating business logic from **CRUD** operations, improving system stability and speeding up feature implementation;

- Developed and implemented code review standards and architectural guidelines, improving code quality and simplifying team collaboration.

SKILLS

Core stack

Python, FastAPI, DJango Framework, Django Rest Framework, PostgreSQL, SQLite, Redis, RabbitMQ, SQLAlchemy, Git, Docker, Nginx.

Some experience with

OAuth, JWT, Unit Testing, Pytest, Gunicorn, Celery, Alembic, Numpy, Pandas, Kafka, Kubernetes, Grafana, Prometheus, Sentry, Elasticsearch, Postman, JavaScript, HTML, CSS, React.js.

English — B2.

EDUCATION

Moscow Aviation Institute — Bachelor's Degree, 2nd year.

2024 – Present (expected 2028)

Faculty: No. 8 “Computer Science and Applied Mathematics”.

Major: “Applied Mathematics and Computer Science”.

PERSONAL QUALITIES

- Leadership and team management;
- Mentoring and code review skills;
- Responsibility and results-oriented approach;
- Development process management (Agile, Scrum, Kanban);
- Analytical and systematic thinking.

ADDITIONAL INFORMATION

- Participate in competitive programming contests;
- Take part in hackathons;
- Actively attend industry meetups.