VICTORIA BOGDANOVICH

Python Backend Developer

🌐 Minsk, Belarus   @ almost.a.mathematician@gmail.com   ✈ @nag8tsi

As a responsible and detail-oriented junior developer, I am committed to building secure and stable APIs. I emphasize architectural quality, clean code, and comprehensive documentation as key elements for overall system reliability. I adapt effectively, work well both independently and collaboratively, leveraging strong communication skills. My goal is continuous self-improvement and gaining new experience to become an even more impactful and valuable team member.

SKILLS

- Python, FastAPI
- Pydantic
- PostgreSQL, SQLAlchemy, Redis
- MinIO
- Docker, Git

PROJECTS

VIST

Wishlists app as a pet project

🐙 Code on GitHub   ▣ Swagger docs

This application allows users to create and share wishlists.

Users register an account using a username and email, then gain the ability to create wishlists and add gifts, with configurable access rights. During the development process, I was responsible for the API's design and implementation, which included:

- Implementing JWT authentication with email confirmation (using the `fastapi-mail` package) and password reset functionality.
- Utilizing two alternative approaches for file management (user avatars, gift photos): the file system and `MinIO`.
- Developing features that enable user interaction, including friendship management.
- Implementing a search system for wishlists and user accounts, leveraging `PostgreSQL` extensions `fuzzystrmatch` and `pg_trgm`. Each search query is cached via `Redis` for performance.
- Employing `Docker` containerization to streamline the deployment process.
- Architecting the application using classes that adhere to the Dependency Inversion Principle.
- Thoroughly documenting all endpoints according to the OpenAPI (Swagger) specification.

LANGUAGES

Russian, Belarusian
Native speaker

English
Upper-Intermediate (B2)

EDUCATION

MINSK STATE COLLEGE OF DIGITAL TECHNOLOGIES

Software Development | 2020 - 2024