

DMYTRO SERDIUK

Junior Python Developer



Location: Krakow, Poland



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SUMMARY

Junior Python Developer with experience in developing full-fledged REST APIs on FastAPI and PostgreSQL. Developed a tool for automating job searches using asyncio for asynchronous requests, web scraping, and LLM (OpenAI API) for data analysis and text generation. Experience with Docker and CI/CD (GitHub Actions) for automated deployment and testing. Constantly improving my algorithmic problem-solving skills.

SKILLS

- **Programming Languages:** Python
- **Frameworks & Libraries:** FastAPI, asyncio, Pydantic, Playwright, LLM, BeautifulSoup
- **Databases:** PostgreSQL, SQLAlchemy, MongoDB
- **CI/CD:** GitHub Actions, Continuous Integration, Continuous Deployment, Railway, Docker-Compose
- **Tools:** OpenAI, Docker-Compose, Pytest, Alembic, Git (via GitHub), Sublime Text, VS Code
- **Operating Systems:** Linux
- **Soft Skills:** Teamwork, Communication, Self-development, Creative Problem Solving, Responsibility, Attention to Detail, Fast Learning.

PROJECTS

Store_Project | [GitHub: Repository](#)

- **Stack:** Python, FastAPI, SQLAlchemy, PostgreSQL, Alembic, Pydantic, Passlib, Docker Compose, asyncio, Pytest.
- **Description:** Developed and deployed a full-featured REST API for managing an online store. Implemented user registration/authentication (JWT), CRUD operations for products, shopping cart and order management, profile updates, and custom error handling.
- **Infrastructure:** The project is containerized using Docker Compose. Alembic is used for database migrations. Configuration is done through environment variables. Deployment is done on the Railway platform with a remote connection to PostgreSQL.
- **CI/CD:** Automated CI/CD is set up using GitHub Actions. This ensures continuous testing and deployment of code. CI automation before deployment ensures that updates are not sent to the server if at least one test fails, which is part of a full CI/CD process.
- API Documentation (Live on Railway): [store_project.docs](#)

Intelligent Job Search Automation System | [GitHub: Repository](#)

Tech Stack: Python (Asyncio), Playwright, BeautifulSoup, Pydantic, LLM (OpenAI API), MongoDB, Docker.

A project designed to automate and optimize the job search process. The system uses Playwright and BeautifulSoup to parse job descriptions by simulating user behavior, while an integrated LLM (OpenAI API) analyzes the data to generate personalized cover letters. The AI leverages resume data and job descriptions to highlight the candidate's key strengths and advantages. Built with Object-Oriented Programming (OOP) principles, the system has a flexible architecture that allows for easy adaptation to any job aggregator website. The use of indexes in MongoDB also ensures the project avoids duplication and unnecessary load on subsequent runs.

Algorithmic Problem Solving (LeetCode) – Python | [GitHub: Repository](#)

Independently solving medium-level algorithmic problems from LeetCode without using external code references.

- Focused on writing original, working logic tailored to problem constraints
- Able to reach working solutions even in unfamiliar or non-trivial tasks

WORK EXPERIENCE

Sushi Chef / Head Sushi Chef | MySushi, Hanzo Sushi, Riga & Krakow

- November 2021 – May 2023, January 2025 – Now
- Prepared dishes following technological maps while upholding high-quality standards.

Animator | LEGOLAND Deutschland, Gunzburg, Germany

- September 2024 – January 2025
- Collaborated effectively with a team to organize events and entertainment. Engaged with park guests to ensure a positive experience. Conducted theatrical performances while adhering to internal visitor guidelines.

Fitness Trainer | Bukrey Fit, Riga, Latvia

- December 2023 – July 2024
- Led group training sessions, tailoring programs to meet clients' needs.

Lifeguard | Aqua Blue, Larnaca, Cyprus

- May 2023 – November 2023
- Ensured the safety of visitors in the recreation area, responding quickly to emergencies.
- Provided first aid and maintained effective communication with hotel guests.

LANGUAGE

- **Ukrainian:** Native
- **English:** Intermediate

EDUCATION

Kharkiv Regional College of Physical Culture and Sports, Kharkiv, Ukraine

Certificate of Complete Secondary Education