

SERGII MACHULIN

PYTHON DEVELOPER

CONTACTS

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- 📍 Kharkiv, Ukraine/ remote/
relocate

SKILLS

- Python 3.7+ & OOP
- Design Patterns, TDD, SOLID, DRY, KISS
- Algorithms, Data Structures
- ML: TensorFlow, Keras, PyTorch, Scikit-learn
- Web Scraping: BeautifulSoup4, Selenium, Scrapy
- Data Analysis: NumPy, Pandas, Matplotlib, Tableau
- Concurrency: Multiprocessing, Multithreading, Asyncio, Celery
- Web Frameworks: Django, DRF, Flask (basics), FastAPI (basics)
- Databases: PostgreSQL, SQLite, Redis (basics), MongoDB (basics)
- Front-end: HTML, CSS, Bootstrap, JavaScript (basics)
- DevOps: CI/CD, Docker, AWS, GCP, Kubernetes, Jenkins, Terraform
- Networking & Security: HTTP, SSL/TLS, JWT
- Tools: Git, GitHub, Debugger, Pytest, Trello, Linux
- Knowledge of SDLC, Waterfall, Agile concepts (Scrum, Kanban)
- **Upper-intermediate English, Polish, Spanish**

EDUCATION

State University Of Infrastructure And Technologies

Bachelor degree in Navigation and Ship Handling

Kharkiv University Of Humanities "People's Ukrainian Academy"

Specialist degree in Business Economics

PROFILE

Inquiring Python developer with a diverse educational background in Business Economics, Navigation and Ship Handling, and International Law Enforcement, I bring a unique blend of skills and expertise to the table. With a proven track record of thriving in international team-oriented environments, I possess the adaptability to stay current with cutting-edge technologies and tackle complex problems with ease. My strategic implementation of new technologies and team training efforts resulted in heightened competitiveness, boosted profits, and glowing audit and inspection results for my former company. In seeking a new role, I am eager to leverage my skills, as well as my problem-solving expertise, to drive innovation and success for my next employer.

PROJECTS

Newspaper agency tracker

Technologies used: Python, Django, HTML, CSS, Shell

Cinema API

Technologies used: Python, Django REST framework, Docker

WORK EXPERIENCE

Navigation officer

V.Group

2017-2023

1. Implemented new tech, trained crew, reduced fuel costs, increased efficiency, improved company's sea transportation competitiveness, and raised profits.
2. Supervised navigation, resolved issues, ensured safety and prevented losses.
3. Trained in navigation, safety, and maritime law, maintaining high standards, achieving positive audit results, and boosting competitiveness and transportation volume.

Staff inspector

Law Enforcement Bodies Of The MIA

2008-2016

1. Coordinated services and divisions, organized management meetings. Improved cooperation and interaction results through accurate and comprehensive planning.
2. Responded to citizen complaints and appeals promptly and effectively, improving public trust and department image.
3. Prepared analytical reports identifying and solving problems, increasing overall efficiency of services and divisions.

SELF-EDUCATION

- [AWS Cloud Practitioner](#)
- [GCP practical skills](#)
- [IT Fundamentals EPAM](#)
- [Linux basics Stepik](#)
- Mate academy