



# Kitaiskyi Oleksii

## Python developer

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🐙 GitHub in LinkedIn 📧 @Familenko

### SUMMARY

Passionate Python Developer with a profound interest in *web development* [↗](#), *analytics* [↗](#), and machine learning. As a Python developer, I've demonstrated **leadership** by spearheading a project where I implemented a robust *RESTful API with Django Rest Framework (DRF)* [↗](#). This API facilitates seamless CRUD operations, scheduled tasks, secure payments through Stripe, and Telegram notifications via a custom bot. Additionally, I've embarked on machine learning endeavors, contributing projects involving *TensorFlow modeling* [↗](#) and *scikit-learn* [↗](#), all accessible on my GitHub.

My unique background as a seafarer not only attests to exceptional English language proficiency but also reflects extensive experience collaborating with diverse cultures. Having served as a team leader, I excel in fostering teamwork and boast strong organizational skills. My technical maritime education equips me to swiftly grasp intricate technical literature.

I am dedicated to leveraging this diverse skill set to make meaningful contributions to innovative projects and cultivate collaborative development environments. My expertise in web development, analytics, and machine learning is seamlessly integrated to elevate the quality of each domain.

### PROFESSIONAL EXPERIENCE

#### Self-employed

2023 – present

##### Python Developer

###### The Crewing Company Site [↗](#)

This platform serves as a comprehensive solution for storing information on ships, crew members, contracts, and facilitates the management of sailors and their contracts.

###### Features:

Implemented CRUD operations for efficient data management.  
Utilized Django ORM for seamless interaction with databases.  
Integrated Bootstrap for a responsive and user-friendly interface.

###### Technologies:

Django, CSS, HTML, Bootstrap, JWT Authentication, Swagger/OpenAPI Documentation, SQLite, PostgreSQL

###### The Library Service [↗](#)

The Library Service is a comprehensive project that combines various technologies to create a robust and feature-rich system for managing library-related tasks. As the **team lead** for this project, my role involved coordinating efforts, overseeing development, and ensuring the successful integration of Django Rest Framework (DRF), Stripe, Celery, and a Telegram bot.

###### Features:

Implemented CRUD operations for managing library resources.  
Integrated Stripe for secure payment processing.  
Utilized Celery for handling scheduled tasks.  
Developed a Telegram bot for efficient communication.

###### Technologies:

DRF, Stripe, Celery, Telegram bot, JWT Authentication, Docker

### **Automated Document Rotation**

Focused on streamlining document rotation to portrait orientation through machine learning. The resulting model facilitates the automatic alignment of text documents and images, enhancing their suitability for subsequent analysis or processing.

#### **Features:**

Utilized TensorFlow for machine learning model development.  
Implemented Argparse for Command Line Interface (CLI)

#### **Technologies:**

TensorFlow, Pillow, Argparse, os, Bayesian Optimization

### **Clusterization Helper Class**

Designed to support clustering tasks, this helper class provides a streamlined interface for checking and implementing cluster algorithms, contributing to efficient data organization and analysis.

#### **Technologies:**

Sklearn, Matplotlib, Seaborn, Numpy

### **Djinni analytics**

This project focuses on conducting an in-depth analysis of Python Developer job vacancies within the IT sector, sourced from Djinni.

#### **Technologies:**

Pandas, Matplotlib, Seaborn, Numpy, Selenium

## **YIALOS MANNING SERVICES INC**

2020 – 2022

### **Marine Third engineer**

- Developed and implemented Excel formulas with precision, taking into account the specifics outlined in legal documentation.
- Applied mathematical principles to automate fuel calculations.
- Led prompt and successful overhaul, completing it two days ahead of schedule.
- Excelled under pressure, delivering exceptional results despite tight deadlines and lack of prior experience in challenging situations.

## **EDUCATION**

### **Exploitation of ship energy-efficient plant, Specialist degree**

2009 – 2013 | Odesa, Ukraine

Odesa Maritime College of Technical Fleet

## **SKILLS**

#### **Web**

Django, DRF, Postman

#### **SQL**

#### **English**

Advanced

#### **Data**

NumPy, Pandas,  
Seaborn, Matplotlib

#### **Database**

PostgreSQL, MySQL

#### **Tools**

Git, GitHub, Debugger,  
Pytest, Trello, Docker,  
Notion

#### **Front-end**

HTML, CSS, Bootstrap,  
JavaScript (basics)

#### **ML**

TensorFlow, Scikit-learn

#### **Analitic**

Experience with data  
cleaning, preprocessing,  
statistical concepts and  
hypothesis testing

## **CERTIFICATES**

- ML Bootcamp 
- Tensorflow Udemy 
- Machine learning 