CHERNETSKYI MYKYTA

PYTHON DEVELOPER

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💻 https://github.com/jirniyjirniy

EDUCATION

Cyber Security
Odessa Polytechnique University
2021 - ...

HARD SKILLS

- Python (OOP, GIL, Data Types)
- Django (ORM, MVC, MVM, MVVM)
- Celery
- Redis
- Nginx
- Docker (DockerFile, Dockercompose)
- HTML, CSS, JS (Ajax, Select2, JQuery)
- Patterns (SOLID, Design Patterns)
- Relational database (SQLite, PostgreSQL)
- GIT

WORK EXPERIENCE

AVADA MEDIA | Trainee   Oct 10 2023

1. House24 (https://github.com/jirniyjirniy/House24)
The House24 project is a web-based apartment building management application that provides users with the ability to communicate, manage payments and service requests.
I configured formsets to manage multiple forms in a single view, which improved data validation and synchronisation. The integration of the Select2 library with Django was optimised, allowing the interface elements to display and function correctly. These actions greatly simplified development and improved the user experience.

2. CinemaCMS (https://github.com/jirniyjirniy/CMScinema)
The project "CMScinema" is a content management system for cinemas, including functionality for ticket booking and session schedule management.
I successfully implemented formsets to manage multiple forms in one interface, improving data validation and synchronisation. I optimised AJAX requests to dynamically update data without page reloads, which improved functionality for seat reservation and session schedule management. These changes improved the stability and usability of the system.

PROJECTS

3. patterns (https://github.com/jirniyjirniy/patterns)
The "patterns" project is a collection of popular programming patterns, demonstrating their application in practice.
I have reproduced many popular programming patterns, such as Factory Method, Adapter, Singleton and Strategy, with examples in Python. Each pattern is presented in a separate directory with an example implementation, allowing developers to improve the structure and readability of the code, and making it easier to maintain and extend. This project serves as a valuable resource for learning and practicing object-oriented programming.

4. instagramCopy (https://github.com/jirniyjirniy/instagramCopy)
The "instagramCopy" project is a copy of the social network Instagram, with functionality for posting photos, comments, and notifications.
I revised the logic for processing and asynchronous posting, optimising the notification system without the use of Celery. I also implemented stricter media access checks and improved user rights management to ensure data security and privacy.