Konovalenko Kirill

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SKILLS

BACKEND DEVELOPMENT | Python • Django • DRF • Flask • Gunicorn • Nginx
FRONTEND DEVELOPMENT | HTML • CSS • Bootstrap
DATABASES | MySQL • PostgreSQL • Redis
MISCELLANEOUS | SQLAlchemy • Aiogram • Docker • Ubuntu Linux

PROJECTS

BugTracker

- Built from scratch bug tracker web app using Django, HTML, Bootstrap and JS. In which you can create all kinds of projects and problems related to them. As well as managing them, tracking progress and change the color mode of the site
- Implemented registration and password reset with email confirmation
- Added Redis for caching database queries and complex HTML-templates with Django signals cache invalidation
- Developed the Drag'n'drop functionality with sending the modified data of the transferred object to the application for their subsequent updating in the database using JS and Fetch API

BugTracker REST API

- Built a REST API using the Django REST Framework, which allowed me to create a telegram bot based on data from the first project. In a sense, by becoming a link between them
- Added Redis for caching database queries
- Implemented Token based authentication
- Implemented Throttling to limited API request rates

BugTracker Telegram Bot

- Built an asynchronous Telegram bot using aiogram, which inherited all the basic functionality of the web version, but in the form of a bot
- Developed a login system that receives a user token based on his credentials for further use of the bot
- Implemented a PostgreSQL database via SQLAlchemy async ORM to store information about telegram users for further work
- Added Redis for caching database queries and as a permanent FSM storage
- Implemented the ability to change the language and time zone
- Created pagination for both projects and issues, which had a positive impact on the usability of the bot

INTERESTS

Video games • Movies & Serials • Music • Fitness