



# MAKSYM KOZLOV

## JUNIOR PYTHON DEVELOPER

[pygeretmus.github.io/Portfolio/](https://pygeretmus.github.io/Portfolio/)

### CONTACTS

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- 📍 Kharkiv, Ukraine

### ABOUT

I'm excited to contribute my skills and knowledge in python frameworks and AWS deployment in your projects as a python backend developer. Development, practice and work for the result are very important for me, also my motto in life - constantly explore and learn something new!

### SKILLS

- Python: Django, FastAPI, Flask
- Telegram Bots: python-telegram-bot, aiogram3
- SQL: PostgreSQL, SQLite, MySQL, MySQL Workbench
- Redis
- AWS (Certified Cloud Practitioner)
- Docker
- Git, Github
- HTML, JS, CSS
- Google Apps Script
- Celery

### LANGUAGES

- Native: Ukrainian, Russian
- B2 English

### COURSES

- Meduzen Internship
- AWS CLOUD PRACTITIONER CERTIFICATION
- CS50: Introduction to computer science
- CS50: Web Programming with Python and Javascript (Flask, Django, Javascript)

### EXPERIENCE

#### JUNIOR PYTHON DEVELOPER

Solidway March 2024 - Present

All my projects contain detailed documentation, as well as Postman collections. Also projects containerized to run on any system.

##### Project 1

- Identified and resolved issues related to improperly formed requests to the AI system.
- Proactively managed AWS EC2 deployment.

##### Project 2

- Implemented web scraping solution for dnb.com.

##### Project 3

- Resolved issues related to the Django SMTP.
- Deployed static files for the website using Nginx.

##### Project 4

- Enhanced the performance by implementing multithreading.
- Developed a backend system using Django to replicate and extend the functionality of the Jupyter Notebook.

##### Project 5

- Created backend system from scratch.
- Integrated Stripe for seamless payment processing.

### OWN IDEAS

#### ALL PROJECTS CAN BE FOUND IN MY PORTFOLIO WEBSITE!

- PeriodBot ([t.me/see\\_period\\_bot](https://t.me/see_period_bot))

Bot that helps you keep track of your periods. This bot has a calendar in which you can look at the forecast of your cycle and mark your periods. At the beginning of each cycle, the bot calculates statistics on the basis of which it builds its forecast. However, if you don't like the bot's statistics, you can set statistical data that seems correct to you and the bot will build a forecast based on it. At the beginning of each day, you will receive a forecast for the next 3 days, so you don't have to open your calendar every day. The bot is implemented using asynchronous aiogram, AWS EC2 and AWS RDS.

- PostBot ([t.me/post\\_08\\_2023\\_bot](https://t.me/post_08_2023_bot))

Bot that helps you to send your media to your channels with delay. Enter your local time, set sending interval and voilà. Now you can send your media to the bot and they will be sent in time. The bot is implemented using python-telegram-bot module, AWS Lambda, AWS RDS and AWS Step Functions.

# Maksym KOZLOV

J U N I O R   P Y T H O N   D E V E L O P E R

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 Maksym Kozlov

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## PROFILE

**Java Developer and Computer Science student** with an **intermediate level of English** proficiency, showcasing a strong foundation in programming and software development. **Proficient in Java and main Java frameworks (Spring Boot, Hibernate), object-oriented programming, and data structures.** Demonstrated ability to design and implement applications and troubleshoot and optimize code for improved efficiency. **Skilled in team collaboration**, adapting to evolving technologies, and embracing a proactive learning approach.

## SKILLS

**Python:** Django (including DRF), FastAPI, Flask

**Task queue service:** Celery

**DB:** SQL-based, Redis

**AWS:** Certified Cloud Practitioner

**Telegram bot API:** telebot, aiogram, requests

**Parsing:** Selenium, Playwright

**Deployment:** Docker, Docker Compose, Nginx

**English:** B1 intermediate

## LANGUAGES

**Ukrainian:** native

**Russian:** native

**English:** B1 intermediate

## EDUCATION

**KHARKIV**

**V. N. Karazin National University**

Faculty of Computer Sciences, 2019 - 2023

### ADDITIONAL EDUCATION

- **AWS Cloud Practitioner Certification** (Basic knowledge about nearly 40 AWS services)
- **books:** Clean Code - R.Martin Head First - Kathy Sierra & Bert Bates Think Java by Allen Downey and Chris Mayfield. **Sorting Algorithms in Java Analysis Udemy course**
- [Java Data Structures & Algorithms +](#)
- [LEETCODE Exercises](#)

## EXPERIENCE

### Java Developer

2022 - Present

#### My responsibilities include:

- **Software Development and Maintenance:**
  - Developing new features and functionalities for web applications using technologies such as Spring MVC, Spring Security, Spring Data, Hibernate, Servlet API, H2, and JSTL.
- **Code Improvement and Optimization:**
  - Maintaining and optimizing existing code, identifying and fixing bugs (debugging).
- **Database Management:**
  - Designing and optimizing data models using Hibernate.
  - Working with H2 databases.
- **Testing and Documentation:**
  - Writing unit and integration tests to ensure product quality.
- **Design and Analysis:**  
Designing and updating architecture in line with project requirements and needs.
- **Project Showcase:**
  - Publishing and maintaining projects on GitHub for sharing and receiving feedback from the community.

### Projects

**Technologies:** Spring MVC, Spring Security, Spring Data, Hibernate, Servlet API, H2, JSTL

**Book Store** [An online web application that offers a wide range of functionalities for users. ]

- [Book store](#)

**Taxi service** [A web application designed specifically for drivers, with a simple and efficient interface.]

- [Taxi service](#)