

# Alex Kharlamov

Backend engineer

## CONTACT

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## SKILLS

- Python, Django, Flask, Fast API
- DevOps, MLOps
- Telegram bots / web-apps

## EDUCATION

Bachelor of Business Informatics  
Higher School of Economics,  
Russia

## LANGUAGES

Russian - native  
English - advanced

[sashakharlamov.space](https://sashakharlamov.space)

## Experience

4+ years

Aug 2021 - Present

### Backend Engineer ▪ Mindset

- Developed scalable microservices architectures for high-load systems;
- Built infrastructures for ML models: containerization, API development, version control automation, orchestration, and monitoring;
- DevOps: configured CI/CD pipelines, containerization, service monitoring, and scaling;
- Set up monitoring systems for key metrics analysis, error logging, and automated notifications;
- Designed interaction architecture for advanced AI models and integrated payment systems.

Apr 2023 - Present

### Python developer ▪ Freelance

- Backend development for high-load systems: API, queues, caching;
- AI/ML integration: worked with LLMs, image processing, and content generation;
- Developed Telegram and WhatsApp bots;
- Built parsers, worked with external APIs, and automated ETL processes;
- Integrated various authentication mechanisms: JWT, OAuth (Telegram, WhatsApp, VK, Google).

Jan 2021 - Mar 2021

### Technology and Language Specialist ▪ Billing Systems

- Learned Java and Spring Boot framework, applying them in real-world projects;
- Developed an access control system for confidential employee data and projects using the LDAP protocol;
- Built corporate information system services, optimizing authentication and authorization mechanisms.

Jan 2021 - Mar 2021

### Backend Developer ▪ Outline

- Learned and practise Python + DRF, developing an e-commerce system;
- Adopted Test-Driven Development (TDD) approach;
- Integrated Yandex XML feeds.

## Additional engagement

### Circle

Personal project  
Telegram web-app  
planner bot  
  
@CirclePlannerBot

### Lendz.io startup

Aggregator platform  
for NFT loans  
  
backend developer

### Top 2 Hackathon

«Digital breakthrough»  
2020  
  
Development of a system  
for tracking changes  
in agricultural objects

### Kindata.ru

Sales management  
platform for marketplaces  
  
backend developer

### Work & Travel USA 2019

Improving conversational  
English skills  
  
Experience working in  
international team