

# Roman Politov

BACKEND SOFTWARE ENGINEER

MOSCOW, RUSSIA

tg: [@Tinkotsu](#) | [gmail@gmail.com](mailto:gmail@gmail.com) | [linkedin.com/in/linkedin](https://linkedin.com/in/linkedin) | [github.com/github](https://github.com/github)

## SUMMARY

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Software engineer with 2+ years of experience in real-time distributed systems, proficient in Python and C#.

## EXPERIENCE

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### Yandex

Feb. 2022 – Present

*Software Engineer (Python), content moderation service*

- Implemented and integrated dynamic resource limiter, that improved quota utilization from 80% up to 99%.
- Implemented background workers to check manual moderation status, that reduced clients latency by 80%.
- Integrated 7 new clients to the service with following support.
- Improved A/B testing environment to upgrade 90% of tested requests types to 100%.
- Optimised A/B testing environment to equalize the number of tested requests for clients with different traffic.
- Optimised alert system, so falls-alerts and non-important ones are not marked as critical.
- Implemented text cache based on dynamic table, that upgraded each of 3 integrated clients automation by 5%.
- Mentored 3 students in Yandex Backend School.

### Sberbank

Oct. 2020 – Feb. 2022

*Software Engineer (.NET), collegial decision making platform*

- Updated 80% of whole platform code base from .NET Framework to .NET 5, that allowed: run containers, introduce PostgreSQL, update EF.
- Implemented nuget library for http interaction between microservices with custom logging, that allowed to identify a microservices transactionality problem.
- Implemented signature service based on Hangfire background workers to re-forward documents for signing, that reduced the number of expired clients signatures to 0%.

## EDUCATION

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### Perm National Research Polytechnic University

Grad. June 2022

*Bachelor of Engineering (Oil and Gas)*

### École 42 (School 21, Moscow)

Sept. 2019 - Aug. 2022

*Private Institution of Higher Education in Computer Science School*

## COURSES

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### Yandex Backend School

Sept. 2021 - Dec. 2021

*Python backend development courses, full-cycle application development*

- Received an offer to the company based on the studying results and following interviews.

## TECHNICAL SKILLS

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**Languages:** Python, C#

**Frameworks:** aiohttp, .NET, FastApi, Flask, Pytest, NUnit, SQLAlchemy, Entity Framework

**Technologies:** Linux, Git, Docker, PostgreSQL, MSSQL

**Knowledge:** Algorithms, Data Structures, Concurrent Computing, Distributed Systems, Networking, REST API, Microservices, Agile