

.NET & JS/TS Developer  
**Alexander Sergeev**  
@lowernight



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## About me

- Hi, my name is Sasha 😊, I specialize in **web application** development particularly **Backend**. I have been writing in **C#** and **ts** for **over 3 years**, ready for any challenges, great at **teamwork**, **happy to collaborate**

Location: *Russia* , *Nefteugansk*

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## Common Technology Stack

C# , .NET Core , .NET Framework , ASP.NET Core , JS/TS , React , NextJS , WebStack (HTML, CSS) , PostgreSQL , MongoDB , ClickHouse , Redis , ELK(Elastic Stack) , Nginx , Kafka , RabbitMQ , Docker , Prometheus , Grafana , Zabbix , Docker , Docker Compose , K8s(Kubernetes) , EntityFramework , Dapper , Linq2Db , MassTransit , Benchmark.NET , xUnit , Moq

- Not basic skills:

CPP(11, 14, 17, 20) , SDL2 , boost , Rust , Cmake , conan , vcpkg

## Work experience

•	Period	2021 - 2023
	Position	FullStack Developer
	Company	Energosfera

- Responsibilities:
  - Development life cycle:
    - Successes development in **Retail** sphere and worked on internal CRM.
    - Implementation of new functionality required by the new laws.
    - Implementation of new product tasks in Legacy, the largest ones: **Bonus system, Cash modules, Work with CCM.**
    - Successful breakdown and migration of the monolith to a microservice solution with subsequent refactoring.
    - Configuring logs via **Elasticsearch**, configuring and deploying **Zabbix** agents for metrics.
    - Involved in infrastructure planning, successfully promoted own solution.
    - Development of event model through message brokers, used **RabbitMq**
    - Writing integrations with **1C, Vat** platforms
  - DevOps cycle:

- Writing docker files, for internal applications
- Configuring deployment via **docker-compose**
- Setting up reverse proxy via **Nginx**
- Writing low-level applications required for easy deployment
- Deployed, configured **RabbitMQ** for use as a message broker
- Configuring **PostgreSQL**, working with configs, metrics via **Zabbix**

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| Period   | 2023 - For now    |
| Position | Backend Developer |
| Company  | Hybrid.ai         |

- Responsibilities:

- **Development life cycle:**

- Development of new functionality in WebApi on ASP.NET Core:
  - Complex metrics in statistics, optimization of **ClickHouse** queries, working with **complex queries**
  - Development of pagination, new http clients, integrations with other teams
  - Leading a separate module for communicating and sending data to advertising data operators
- Development of product tasks in **Advertising/Marketing**, introduction of new practices
- Transferring synchronous code to asynchronous, writing http client to work with third-party api
- Design and implementation of **MVP** of the **notification service**
- Development of back-end **scheduler controller**(~~Cyclex~~) application with UI on **React**
- Transferring task scheduler to microservices with **Kafka** message broker

- **DevOps cycle:**

- Configuring **docker-compose**, deploying services in **k8s** cluster.
- Setting up **IIS** pool, and raising reverse proxy through **Nginx**, for back end and front end.
- Configuring and deploying **log** indexing for back-end applications via **Elasticsearch**, **Kibana**.
- Setting up a microservice environment via **CI/CD GitLab**, **TeamCity**.
- Deploying and configuring **Prometheus**, **Grafana**, **Zabbix** for tracing back-end application metrics.

- **Life of the team:**

- Onboarding new developers.
- Leading the **refactoring/transfer** team.
- Preparation of a report for submission of an internal annex.
- Working on **Scrum**, **Jira**, **Confluence**.
- Consultation with the **support** department.
- Writing **documentation** to run **internal applications** developed by the team.
- Participating in **releases**, fixing problems encountered.

## Other

In my spare time I write a [cryptocurrency trader bot on microservices](#). I study **English**, help newcomers to develop, and generally having a great time

## Contacts

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