

# Makhonin Alexey

**COUNTRY OF CITIZENSHIP:** Russia

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**GitHub:** <https://github.com/alex123012>

## Experience:

- Dec 2021 - present: **DevOps engineer**, Flant, remote, Russia (*Support for high availability containerized systems*)
- Sep 2021 - Nov 2021: **Junior bioinformatic scientist**, BostonGene, Moscow, Russia (*Development, deployment and support of new NGS data processing algorithms*)
- Jan 2020 - Sep 2021: **Research Laboratory Technician**, Laboratory of Neuroreceptors and Neuromodulators Bioengineering, Department of Bioengineering, Shemyakin and Ovchinnikov Institute of Bioorganic Chemistry, Moscow, Russia. (*Creation and support of web services for internal use*)

## EDUCATION:

- 2021:
  - Machine learning Summer school "MTS.Theta"
- 2019 – present:
  - Bachelor's Degree, educational program: "Cell and Molecular Biotechnology", Department of Biology and Biotechnology, National Research University Higher School of Economics, Moscow, Russia.

## HARD SKILLS:

- Containerization (Docker, containerd, kubernetes)
- Cloud (AWS, Selectel)
- Linux administration skills
- IaC (Ansible, terraform, puppet)
- CI/CD (Gitlab CI, Jenkins)
- Monitoring (Grafana, zabbix, prometheus)
- Programming languages (Python, Golang, C/C++, Perl)
- Web applications (Nginx, iptables, gunicorn)
- Message and tasks distribution (Kafka, debezium, rabbitmq, celery)
- NoSQL (MongoDB)
- SQL (MySQL, PostgreSQL)
- SQL-like (ClickHouse)
- In-memory storage (Redis)
- Troubleshooting skills