

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)
- Programming languages (Golang, Python, Arduino, Perl)
- Cloud (AWS, GCP, Selectel, Yandex Cloud)
- Linux administration skills and bash scripting
- IaC (terraform, puppet)
- CI/CD (Gitlab CI, GitHub Actions)
- Monitoring (Grafana, prometheus)
- Web Servers (Nginx, HAProxy, gunicorn)
- NoSQL (MongoDB, CockroachDB)
- SQL (MySQL, PostgreSQL)
- In-memory storage (Redis)
- Message brokers (RabbitMQ)