

Mark Kornachuk

City: Moscow

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SKILLS

Languages	: Go, Python
Databases	: PostgreSQL, Redis, ClickHouse, Firebase, DynamoDB
Message Queues	: Kafka, RabbitMQ, SQS
DevOps Tools	: Terraform, Docker, Docker Compose, Kubernetes
Monitoring	: Grafana, Sage
Clouds	: Yandex Cloud, AWS, OpenStack

EXPERIENCE

Software Engineer

Dec 2023 – Present

Tinkoff Bank

- Developed the backend for a voice robot platform using Python, SQLAlchemy, Kafka, PostgreSQL, Redis, and Golang.
- Worked on improving the platform's stability by writing tests and optimizing existing functionality.
- Doubled the speed of running tests.
- Contributed to the development of a feature that reduced the number of requests by 10%.

Software Engineer

Oct 2023 – Dec 2023

Crypton

- Developed an API for an online course platform using Django, Celery, Redis, and RabbitMQ.
- Created a contract according to requirements and started its implementation.

Software Engineer Intern

Jun 2023 – Oct 2023

Tinkoff Bank

- Developed a data processing system using Kafka, Flink, Python, ClickHouse, and FastAPI.
- Created a contract for the interaction between the API and frontend.
- Designed database models.
- Developed a Flink service that read data from Kafka, aggregated it, and wrote it to ClickHouse.
- Participated in the development of the frontend part using Angular, significantly reducing development time.
- As a result of the internship, a service capable of processing 100,000 logs per second was fully implemented and deployed.

EDUCATION

National Research Nuclear University "MEPhI"

Software Engineering

Bachelor's

Sep 2020 – Jul 2024

PET PROJECTS

Schedule Bot

Golang, PostgreSQL, Gin, GORM, Yandex Cloud, SQS

[Source code](#)

- Telegram bot for finding available classrooms at MEPhI
- Designed the system architecture, including interaction contracts between all system components and database models
- Developed a parser to collect data from the home.mephi portal
- Deployed the project on Yandex Cloud using SQS and Cloud Functions