

Mariam George
Backend Developer
Location: Israel
GitHub
LinkedIn

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Experience Skills

Languages:

Golang Developer

Golang, Java, Python,

Sber Technologies

C++

Nov 2021 - Present

Technologies:

Developed microservice backend in Golang for a new project an educational platform that PostgreSQL,

offers user-created scenarios and a sandbox virtual environment each time you start a lesson

MongoDB, Redis,

My responsibilities mostly included writing APIs (REST, WebSocket, gRPC) and developing Kafka

business features

Other:

Detected and fixed multiple non-obvious bugs regarding virtual environment sessions timeouts,

REST, gRPC,

increasing overall product stability

Microservices,

Machine Learning Engineer Intern Prometheus,

Linux/Bash, Docker,

RingCentral

SQL

May 2019 - Oct 2019

Worked closely with Data Scientists, building data transformation pipelines, delivering ML Education

models to production and building REST APIs for model predictions, all using Python

Projects I participated in were a recommendation system and a fraud detection service

Applied Mathematics

and Informatics

Other projects Saint-Petersburg Academic

University

FerretDB Aug 2019 - July 2023

I made some contributions to an open-source project FerretDB (>5k stars on GitHub), an open-

Algorithmic Biology

source alternative to MongoDB written in Golang that uses Postgres at its core for document storage. Working on this project made me learn a lot about subtleties of MongoDB

Bioinformatics Institute

Aug 2020 - June 2021

Apache Ranger and OpenSearch Integration

The project was a part of a summer school event/hackathon held by Samsung in Sept 2021.

We

Also

were offered a problem of integrating OpenSearch, a fork of Elasticsearch, with an authentication

system Apache Ranger. Our team was able to propose a solution, getting 2nd place in the

Languages: English (C1),

hackathon out of 20 participants Russian (native)

Good at Linux

Improving GraphBin2 Metagenomic Data Binning Algorithm

This was a course project in my university. The goal of the project was research, performance

evaluation and possible improvement of a novel algorithm for genomic data classification

GraphBin2

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