EGOR KONYK

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SKILLS

Languages	Go, C++, Python, Dart
Frameworks	Flutter
Tools	Unix, GitHub, Docker
Databases	PostgreSQL, MongoDB, Redis
Other	Algorithms and data structures, gRPC, JWT, Websockets and Long Polling
Soft Skills	Communication, Time Management, Accountability, Curiosity

PROJECTS

bot (commercial) Python (aiohttp, pydantic, aiomultiprocessing), PostgreSQL, HTML, JS, CSS   botkz.me

- Developed a VK chatbot to interact with the school diary website.
- Implemented subscription renewal using Sberbank's acquiring API.
- Performed notification sending for diary mark changes.
- Used the VK API and reverse-engineered school diary API.

awwe (commercial) Golang, Dart (Flutter), Redis, PostgreSQL, Msgpack, Docker   awwe.pw

- Created IOS and Android mobile app that allows you to interact with the school diary website.
- Implemented uninterrupted access to the diary by keeping the diary saved.
- Made authorization with the use of JWT and Refresh Tokens.
- Reduced the number of requests using caching.
- Deployed the project using Docker.

English Words Golang, Dart (Flutter), Redis, PostgreSQL, MongoDB, gRPC, Kafka, Docker   GitHub

- Developing a cross-platform mobile application to expand your English vocabulary.
- Applied microservices architecture and communicated between them with gRPC and Apache Kafka.
- Partially covered with tests including unit, mock and integration testing.

EXTRA-CURRICULAR ACTIVITIES

- All-Russian Team Olympiad in programming 2021/22 (place 118 out of 297)
- All-Russian Olympiad in Informatics 2020/21 (place 293 out of 383), 2021/22 (place 228 out of 384)
- Codeforces (rating 1631)

PUBLICATIONS

- Karla Helena-Bueno, Charlotte R. Brown, **Egor Konyk**, Sergey Melnikov: Genome sequences hot and cold: a database of organisms with defined optimal growth temperatures, biorxiv, December 23, 2021.