Gaponov Nikita

Moscow, Russia
Github: github.com/nickmoro

Email: nmoroweb@gmail.com
Mobile: +7 (977) 399-80-90

About Me

A novice programmer with no commercial development experience. Now studying Golang, data structures and algorithms (using C++).

Education

- **VK (previously Mail.ru group)** — Moscow, Russia
  Golang web services development course — *Feb 2023 - May 2023*

- **Moscow Aviation Institute (National Research University)** — Moscow, Russia
  Bachelor in Applied Mathematics and Computer science; GPA: 4.37 — *Sept 2020 - Current*
  Courses: *Operating Systems, Data Structures and Algorithms, Databases, Mathematical Statistics, Object-Oriented Programming*

Experience

- **Yandex Cloud**
  Intern Golang developer (full-time) — *July 2023 - Oct 2023*
  Data Transfer Team:
  Simplified SQL queries (removed unnecessary JOINs) in some places with high load.
  Added a couple of small settings to UI.
  Added new handlers for performing multiple operations: for example, to delete several entities at once by their IDs.
  Added new transformer (middleware for transfer) that filters data.
  Often worked with existing proto3 files (for example, added description of request and response for new handlers). Always wrote unit and end-to-end tests for my code and if necessary, debugged individual parts of the project.

Skills Summary

- **Programming**: Golang, C/C++, Python, Bash
- **Tools**: Git, Docker, SQL, Mongo, Redis, proto3, CI/CD, Prometheus, Grafana, ZeroMQ
- **Platforms**: Linux, Windows
- **Languages**: English (B1), Russian (Native)

Projects

- Golang back end for redditclone website: Wrote an RESTful API for provided front end part. This task was completed as part of VK Education Golang course, so at present I cannot upload code to open sources. The site looks similar as asperitas.vercel.app

- CLI program for multiplying polynomials: Used Golang and its goroutines for parallel calculations

- Simple query processing system: Used C++ and ZeroMQ to implement a simple system for processing requests using system calls to run several accessory programs, data between them was transmitted using ZeroMQ sockets

- Client-server console application: Client-server simple console game on C++ based on clients-server interaction using shared memory

Honors and Awards

- Diploma of the 3rd degree - RuCode 6.0 festival - November, 2022
- 41st place in the ranking of Yandex Algorithmic training 3.0 - April, 2023

Additional Courses

- Algorithmic training 1.0, 2.0, 3.0 – Yandex
- Python: Basics and application – Bioinformatics Institute
- SQL Algorithms – Far Eastern Federal University
- Programming in Golang