Anton Grishin — Go Developer

Personal Information

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About Me

I'm a student and aspiring developer. I've been programming for 4 years, during which I contributed to 44 repositories, made 921 commits, and wrote 176,729 lines of code. I also teach Python and have trained over 30 students. Co-founder and developer at Ballkit. Former professional volleyball player.

Education

Central University — Mathematics and Computer Science, Class of 2028 *(1st year)*. Major: Software Development. Track: Computer Science Research.

Skills

Go: `http`, `grpc`, `protobuf`, `tgbotapi`, `reflect`, `gofsm`.

Databases: `postgres`, `sqlite`, `redis`, `Yandex Object Storage`.

Message brokers: `RabbitMQ`, `Mosquitto`.

Other technologies: `SQL`, `Java`, `JavaScript`, `bash`.

Dev tools: `Docker`, `Podman`, `Make`, `CI/CD`, `Linux`, `Git`

Achievements

Reached the **final** (1) of the Russian Championship in competitive programming, among 5,000 participants. Developed a microservice architecture of 9 services for a web application that aggregates sports events across Russia. Also implemented an algorithm for parsing and verifying annual government reports on sports events. Tech stack: `Kafka`, `React`, `RabbitMQ (FastStream)`, `FastAPI`, `OAuth`.

Winner of the scientific and practical conference "Science for Life" among 117 projects, with a smart home project for private and public educational institutions. Tech stack: `Redis`, `Zigbee2MQTT`, `websockets`, `Go`, `Python`, `Flask`, `React`.

3rd place prize winner in the Moscow State Pedagogical University Informatics Olympiad: "Applied Informatics"

Experience

Patch Loyalty Loyalty program for small businesses *July 2024 — August 2024*

Developed a Telegram bot based on the SMB (Single Message Bot) model in `Go` for a boxed loyalty system: `ballkit.ru`.

Technologies: `Go`, `tgbotapi`, `grpc`, `gofsm`.

Interests

Formal Verification: I'm taking the course `softwarefoundations`. Finished the first volume and proved 250 theorems in `Coq`.

Linux: I use Arch with the Hyprland compositor. Published my `.dotfiles`. Built my Neovim configuration and colorscheme from scratch. Wrote more than 20 custom scripts.

→ more projects on GitHub