

Vladimir Pavlov

Curriculum Vitae

Personal Information

Date of Birth Oct 28th, 1999
Gender Male
Nationality Russian
Residence Saint-Petersburg
Mobile (+7)-911-226-13-72
Email pavlovvova923@gmail.com
Github [pavlov061356](#)
Desired salary 350000 ₺
Desired position Middle backend developer

Education

2017–2021 **Bachelor of Applied Physics and Mathematics**, *St. Petersburg State University (SPBSU)*. Department of Optics and Plasma Physics.
2021–2023 **Master of Physics**, *St. Petersburg State University (SPBSU)*. Department of Optics and Plasma Physics.

Experience

8.04.2021–
17.07.2024 **Flutter Software Developer**, *Radar MMS*, Saint-Petersburg.
Developed WS server for transferring users files to cloud storage. The project was a cloud storage that allows users to store files and give own disk space for a rent, to keep other users files. First of all, developed with Dart, then in Golang, which was up to 7 times faster (comparing transfer time).
10.02.2023–
17.07.2024 **Golang Software Developer**, *Radar MMS*, Saint-Petersburg.
Changed stack to Golang. Rewritten ws file transfer server from Dart to Golang. Main goal was to improve the performance (80 % of time) and add new features (20 % of time).
22.07.2024–
Present **Middle Golang Backend Developer** *Altech*, Saint-Petersburg.
Developing monolith backend. Developing all rprocesses starting from API handlers to SQL queries to store and process data. Extra experience with some microservices using Kafka (kafka-go) and s3(minio-go). Participed in developing (rewriting from original library in C++ to golang version) of s2-geometry library.

Extracurricular Activities

9.2021–
17.07.2024 **Mentor**, Role: Teach interns to program using dart.

Skills & Background Knowledge

Computer skills

PL, technologies Go, Postgres, Prometheus, Grafana, Dart, Flutter, Git, Jira, Hive database, Drift database, C++, SQL, Machine learning(regression learner, classification learner, optimization, neural net fitting), numerical methods (physical modeling)

Software Visual Studio Code, MATLAB, Wolfram Mathematica, Qt creator, Comsol (Heat transfer package), \LaTeX (MikTex 2.9)

CI/CD Jenkins, GitHub CI, Gitlab

OS Linux(advanced user), Windows(user)

Languages

Russian **Mothertongue**

English **Intermediate**

Fluent in communicative and academic aspect

Interests

- Theoretical physics
- Carting

- Machine learning
- Simracing