

ANDREY VOLKOV

Principal Software Engineer | Golang, PHP/Symfony

DETAILS

ADDRESS

Moscow
Russian Federation

PHONE

+7 (906) 659-1964

EMAIL

anrewwolf68@gmail.com

LINKS

[Andrey Volkov | Website](#)

[Andrey Volkov | GitHub](#)

[Andrey Volkov | LinkedIn](#)

SKILLS

Backend Development:
Golang, PHP/Symfony, C

Databases & Queues:
PgSQL, Redis, Kafka, RabbitMQ

Infrastructure & CI/CD:
Docker, Kubernetes, GH Actions

Technical Leadership:
Roadmapping, Mentoring,
Hiring

Software Architecture: Scaling,
Resilience, Performance, Data
Pipelines, Documentation

PROFILE

Principal Software Engineer with 10+ years of experience in the realm of software development and system architecture. Intense in clean code, architecture and DDD.

My primary languages are Go, PHP/Symfony and occasionally JavaScript, as I specialize in web apps and services.

I've mostly worked in large-scale companies and big teams (up to 15 members), because I love collaborative work, professional communication and sustaining work-life balance.

I prioritize simplicity and flexibility in projects, adhering to Gall's Law: "We must develop great, simple products to build the greatest one."

PROFESSIONAL EXPERIENCE

Principal Software Engineer, Rambler Moscow | Remote

Oct 2024 — Present

- Data Bus solutioneering to orchestrate high-load requests between multi-domain services [Cassandra, Temporal]
- DB queries optimization with reduction of CPU and I/O usage from 97% to ~30% [Laravel, PostgreSQL]
- System performance optimization for scaling from ~30k to 500k+ MAU [Laravel, Golang, Kafka, Redis]

Senior Software Developer, Bell Integrator Moscow | Remote

Feb 2024 — Oct 2024

- Performance optimization by 300%+ [Symfony, Golang, Redis]
- Automated tests code coverage increase to 80%+ and reduction the number of production issues by up to 60% [PHPUnit]

Senior Software Developer, Rosatom Global Moscow | Remote

Sep 2022 — Feb 2024

- Migration of ~1M+ media files in 1 day from NFS to S3 [Symfony]
- Auth Service development to responsive work with user roles between 15+ microservices [Symfony, KeyCloak, JWT, Redis]
- File Service (FS) development to speed up 10+ times file upload / download processes and to pause / resume upload of large (4GB+) files [Symfony, TUS Protocol]

LANGUAGES

Russian

English

HOBBIES

CWS Extensions
SAAS
Education Projects
Traveling

Symfony Developer, CyberHULL

Yerevan

Apr 2021 — Sep 2022

- Commercial Symfony development with 10+ client projects
- Development and maintenance of modules and extensions for 15+ Magento based projects
- Communication with English speaking clients as Lead Engineer to develop 5+ new projects and support existing ones

Full Stack Developer, Gubkin Russian State University

Moscow

Apr 2019 — Apr 2021

- New Information System development in a new 50+ microservices architecture [Symfony, PostgreSQL, Kafka]
- Old Information System maintenance with 100+ different legacy modules [PHP, ExtJS, OracleDB]

System Administrator, Gubkin Russian State University

Moscow

Sep 2017 — Apr 2019

- Maintenance of over 150 computer stations
- Automation of software integration: from OS images to educational applications [Boot Servers, Group Politics]
- Windows/Linux Servers administration with reduction of problem tickets count by 60% [Hyper-V, Zabbix, GLPI, Oracle Storage]
- Local Network configuration with installation of over 50 IP-cameras / work stations / main servers

EDUCATION

Master, Gubkin Russian State University

Moscow

Sep 2020 — Jun 2022

Bachelor, Gubkin Russian State University

Moscow

Sep 2016 — Jun 2020

EXTRA-CURRICULAR ACTIVITIES

CEPHEI Industrial E-Learning, KTH

Stockholm

Sep 2018 — Jun 2020

- Developer of Remote Lab's High- and Low-Level Algorithms [C]
- Assistant of a Solar Panels Complex construction
- Participant of the Closed CEPHEI Conference, February 2020, Stockholm, Sweden.