

## Vitalii Gudza

Software Engineer

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### PROFESSIONAL EXPERIENCE

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#### CloudMTS

Krasnodar, Russia

Cloud service provider (Elastic VPS, PaaS, CDN and more); top-3 telecommunication company on the Russian market.

##### Software Engineer (February 2022 – Present)

- Developed the MVP for managed Kubernetes as a service in tight deadlines in a team of 5 people using Go, gRPC, Kafka and PostgreSQL, which boosted client satisfaction, by completing a novel product for the company ecosystem.
- Increased the stability of the integration with other services and simplified the testing of the application by developing a Swagger specification for API.
- Rebuilt the teamwork processes applying Agile practices for a task assessment and tune code documentation process.
- Coded backend API using Go, go-swagger, gRPC, Kafka and PostgreSQL.

#### Wildberries

Krasnodar, Russia

International marketplace; top-100 international technology companies.

##### Software Engineer (Sep 2021 – Feb 2022)

- Designed and developed from scratch a new cloud search engine using Go, PostgreSQL, Kubernetes and microservice architecture.
- Built a monitoring system that significantly reduces reacting time for maintenance problems by implementing the observability of the Go services using ELK, OpenTracing, Prometheus, Alertmanager and dashboards in Grafana.
- Developed a marketplace brand ranking algorithm using mathematical statistics to improve the user experience.
- Coded backend services using Go, gRPC, Gin, PostgreSQL, NATS Streaming, AWS S3 API, GitLab API and the service-oriented architecture.

#### MSL

Krasnodar, Russia

AI research laboratory, digital startup

##### Software Engineer/CTO (Oct 2016 – Dec 2019)

- Designed and developed from scratch the MVP of a sports social network with an AI chatbot + Android app for it using PHP, JavaScript, UIKit framework, MySQL and Java.
- Participated in the development of AI core modules, optimized the chatbot code for the low-performance Raspberry Pi (for technology presentation) using Python and PostgreSQL.
- Provided higher security and reliability of data workflow in team using on-premises Gitlab and Samba fileserver based on Linux Server (Ubuntu).
- Managed a development team, presented our projects at IT conferences, won a startup competition, attracted funding from the VC fund and accelerator.

### HARD SKILLS

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- **Languages:** Go (Golang), Python, PHP, SQL
- **Technology:** Kafka, gRPC, Protobuf, RESTful, Swagger, Prometheus, Tracing, Grafana, Kibana
- **Databases:** PostgreSQL
- **Deploy:** Kubernetes, Docker, GitLab CI/CD
- **Tools:** Git, Make, Linux, linters, GoLand

### EDUCATION

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#### Kuban State University

Krasnodar, Russia

Master's degree, Faculty of Computer Technology and Applied Mathematics (Sep 2011 – Jul 2017)

- GPA 4.0 of 4.0; PhD of Engineering Sciences

#### Courses

- MTS.Teta: Go developer (Sep 2021 - Nov 2021)
- Ozon Route256: Go developer (Nov 2021 - Dec 2021)
- Slurm: Kubernetes School for Developers (Oct 2021 – Dec 2021)

### ADDITIONAL INFORMATION

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- Languages: Russian (native), English (intermediate)