

Dmitry Kutakov

Lead Software Engineer

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Github: [@vkd](#)

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Tech skills

Go, Python, SQL, NoSQL, Kafka, Nats, Linux, Google Cloud (GCP), Docker, Kubernetes, Helm, Terraform, Prometheus, Haskell, Rust, Factorio

Lead Engineer - GlassFlow (<https://www.glassflow.dev>)

Berlin, Germany, Nov 2023 - Present

Tech stack: Go, k8s, GCP, PostgreSQL, Nats, Pulumi, Helm

Senior Backend Engineer - Talon.One (<https://www.talon.one>)

Berlin, Germany, Apr 2023 - Oct 2023 (6 months)

Tech stack: Go, k8s, GCP, PostgreSQL

Working in the core feature team to maintain the calculation of an internal currency - loyalty points. I've presented an improvement on how to configure a service from ENV and lead the implementation. I've implemented a big refactoring towards the Hexagonal and DDD (domain driven design) architectures.

Senior Software Engineer - Snap Inc (<https://www.snapchat.com>)

Berlin, Germany, Feb 2020 - Feb 2023 (3 years)

Tech stack: Go, Python, Node.js, k8s, GCP, Kafka, PostgreSQL, BigTable, Helm, Terraform

Working in an independent cross-functional team, I led the technical implementation of backend services, infrastructure, and the automation of ML pipelines. I have built a solution to deliver recommendations from Data Sciences to end users through the REST API (following the API-First approach), which successfully handles production with 99.95% uptime SLO even during Black Friday's highest peak. I mentored Data Sciences to use the unit tests on ML Python code, which increased the quality of the whole codebase. *[Go, microservices architecture, k8s, Argo workflows]*

I made the builds reproducible and consistent, particularly in the context of versions of Go, linters, tools of code generation, etc. and regardless of which machine builds started. *[Makefile, Docker, Go, Unix, CI - GCP Cloud Builds]*

I have introduced and integrated Kafka into the process of collecting metrics. I spread the basics across dependent teams. And it helped during the Black Friday season to persist metrics events. *[Go, microservices architecture, Kafka, Docker]*

I led weekly knowledge-sharing sessions about Go, which helped to share the understanding of the new language across many teams and to start migrating from NodeJS.

Senior Software Automation Engineer - N26 (<https://n26.com>)

Berlin, Germany, Jul 2019 - Jan 2020 (6 months)

Tech stack: microservices, Go, Docker, PostgreSQL

(Senior) Backend Software Engineer

Russian Federation/ Cyprus, 2012 - 2018 (7 years)

Tech stack: microservices, Go, Docker, Python, PHP, Docker, PostgreSQL, Kafka, ClickHouse (column NoSQL), MongoDB, Redis, RabbitMQ

Education

Master's degree, Computer Science, 2008 – 2014