

# Vladimir Varankin

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github.com/narqo

I am a backend engineer based in Berlin, with experience in designing and building distributed systems using Go programming language. My current and past roles gave me a hands-on experience working with database and streaming systems including Postgres, DynamoDB, Redis, Aerospike, Kafka, public clouds and cloud-native technologies, including AWS, Kubernetes and Docker, configuration management systems, such as Terraform, Ansible, and Puppet, as well as monitoring technologies like Prometheus and Graphite.

## Solarisbank AG, Principal Go Engineer (Berlin, May 2021 – Present)

As a principal engineer in Core Banking unit, my primary focus was in supporting the product teams building an in-house core-banking system, implemented as a fleet of  $\mu$ -services in Go, that run on AWS EKS. I worked on solving architectural and performance issues in the system's components, and helped to reduce the costs of the system's infrastructure. I took an active part in investigating and mitigating incidents in production, as part of the on-call rotation.

Working together with the unit's engineering managers and staff engineers, I helped to bootstrap and integrate into the Core Banking EU unit, a remote engineering tech-hub in India. I led the Core Banking's "infrastructure guild", lecturing the engineers on the topics of Kubernetes, Go, PostgreSQL, etc.

## Adjust GmbH, Backend Engineer (Berlin, Jan 2018 – Apr 2021)

While working as a Go engineer, I helped to grow the attribution backend into a multi-region distributed (on-premise) system, that handled 500K RPS, as a day-to-day baseline load.

As a backend engineer, my primary focus was in the system's performance, observability, and data integrity. I helped the team to establish and preserve engineering best-practices in a mono-repo codebase by writing architecture- and design-documentation and automating the routine tasks.

## Mail.ru Group, Backend Engineer (Moscow, Dec 2016 – Dec 2017)

I worked on the E-mail backend API services, focusing on migration of the legacy production systems from Perl and C to Go. I also maintained the functional test suites for the backend APIs, in Python.

## Yandex, Infrastructure Developer (Moscow, July 2014 – Dec 2016)

As a DevOps engineer, the main focus for me was in automation of development and delivery processes. I worked with CI systems such as Drone.io, TeamCity and Jenkins, building the extensions and supplementary systems.

I worked close to product and SysOps teams, maintaining the core-modules and tooling using Go and Node.js, that helped to improve the speed, scalability, availability, and observability of production services.

## Prior Experience

Yandex, Frontend / API Developer (Moscow, June 2011 – July 2014); Teletype Studio, Full Stack Web Developer (Moscow, December 2009 – June 2011); ADV/web-engineering co., Frontend Web Developer (Moscow, July – November 2009); Webway, Frontend Web Developer (Moscow, July 2007 – June 2009).