

Daniil Svetlov

Senior Backend Engineer

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I specialise in backend development, designing architecture, and building internal tooling. My focus is on establishing a strong backend foundation and creating tools and practices that streamline work for other teams while ensuring system maintainability and performance.

EXPERIENCE

GETSAFE • InsurTech startup
Senior Backend Engineer

Since October, 2022

Infrastructure & Platform team

As the first engineer on the Platform team, I established its foundation by defining essential SLOs and enhancing backend observability, scalability, and reliability through the implementation of platform libraries

- Identified an opportunity to improve performance and led the migration of all internal inter-service HTTP traffic from centralized authentication to JWT, achieving a ~40% reduction in median response time across all traffic
- Initiated optimization efforts for AWS resources, resulting in ~55% cost savings on backend infrastructure
- Migrated services to an event-driven architecture based on Kafka, designing and implementing a custom schema registry and high-level client libraries for consumers and producers
- Implemented several optimizations related to external business intelligence tooling, leveraging the newly introduced event-driven architecture, resulting in ~51% cost savings
- Developed a transactional outbox library to achieve atomicity in cross-system writes
- Enabled and standardized observability of backend services, making it possible to easily establish and track SLOs

Carrier Products & German Portfolio Management team

- Orchestrated a smooth migration of customer data from another insurance broker into the system, resulting in a ~27% revenue increase

SAMOKAT • Online Food Delivery Platform
Software Engineer

March, 2022 - June, 2022

Participated in the development of an internal CMS system. Contributed to various technical efforts related to enabling CDC functionality provided by Debezium.

LEVEL TRAVEL • Online Tour Booking Platform
Software Engineer

April, 2021 - February, 2022

Proposed and led an overhaul of the tour actualization logic through the adoption of hexagonal architecture & extraction to microservices, increasing customer conversion rates by ~11% in the process

VOISO • SaaS Call Center
Junior Backend Developer

January, 2020 - April, 2021

Worked on a multi-tenant VoIP call processing system. Overhauled the domain level metrics aggregation system, increasing the metrics dashboard performance by ~14%.

EDUCATION

BAUMAN MOSCOW STATE TECHNICAL UNIVERSITY

Faculty of Informatics and Control Systems, Department of Computer Systems, Complexes and Networks

B.S. in Computer Science

SKILLS

Ruby • Ruby on Rails • RSpec • Sidekiq • Sequel • dry-rb
Docker • Terraform • Kubernetes • AWS • GraphQL • Datadog • TDD • DDD • SOLID • OOP • Microservices
PostgreSQL • Kafka • Redis • MySQL • RabbitMQ • Ansible • Prometheus • ELK