

# Simon Naumov

📍 Berlin, Germany

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## Professional Experience

### Software Engineer | Zalando

Full-time · Berlin, Germany

#### Fulfillment Offering Team

- Led end-to-end technical design of a high-complexity customer-facing delivery initiative across 4 departments and 7 teams, turning ambiguous product goals into **execution-ready plans**.
- Owned the **architectural redesign** of a critical distributed component, replacing a standalone service with a shared library to eliminate network dependencies, reduce operational risk, simplify on-call ownership, and deliver ongoing cloud cost savings.
- Built and operated backend services aggregating delivery options and time guarantees using **Kotlin, Spring Boot, AWS, Kafka**.
- Drove **cross-organisational alignment** with external teams to unblock a high-priority product experiment.
- Chaired department-wide operational reviews, raising standards for incident analysis, alerting, and remediation.

### Software Engineer | Tinkoff Bank

Full-time · Almaty, Kazakhstan

#### Transaction Processing Team

- Engineered **high-reliability** financial transaction validation services using Rust, Docker, and gRPC in a high-load production environment
- Designed and launched a Stand-In Processing **backup system**, reducing downtime incidents and ensuring uninterrupted transaction flow during system outages
- Improved database query efficiency and overall **throughput** of core microservices through targeted query optimisation and performance tuning
- Site Reliability Engineering**: deployed services, resolved production incidents, and conducted post-mortems to strengthen platform resilience

### Software Engineer | Huawei Technologies

Full-time · Saint Petersburg, Russia

#### Cloud Application Platform

- Enhanced system performance by **1.5 times** and reduced manual configuration effort by **5 times** through workflow automation
- Built and maintained a service for dynamic publication of APIs aggregating data from multiple databases and streaming sources using **Java, Docker, Kubernetes**
- Designed and implemented automation tooling for Big Data pipeline configuration using **Java, PostgreSQL, graph databases**
- Introduced a Low-Code project generation framework to automate data query and processing pipelines, significantly accelerating developer productivity
- Mentored and led two interns**, establishing clear development practices and promoting collaborative delivery

## Education

### Master of Computer Science | ITMO University

Saint Petersburg, Russia

Programming and Artificial Intelligence

Sep 2021 – Jun 2023

### Bachelor of Computer Science | ITMO University

Saint Petersburg, Russia

Applied Mathematics and Informatics

Sep 2017 – Jun 2021

## Conferences

### The Genetic and Evolutionary Computation Conference (GECCO)

Empirical Analysis of Crossover-Based Evolutionary Algorithms on Rugged Landscape

Jul 2023

### Foundations of Genetic Algorithms Conference (FOGA)

The Effect of Non-symmetric Fitness: The Analysis of Crossover-Based Algorithms on RealJump Functions

## Summary

Software Engineer with 6 years of experience building and scaling backend systems in Kotlin, Java, and Rust. Specialized in resilient architectures, high-load systems, and cross-team technical initiatives. Strong focus on reliability, performance, and production excellence.

## Skills

<b>Development</b>	Kotlin, Java, Rust, Spring Boot, Gradle, Maven, REST API, gRPC
<b>Technologies</b>	PostgreSQL, MySQL, Oracle DB, Kafka
<b>Tools</b>	Git, Docker, Kubernetes, Test Containers
<b>Soft Skills</b>	Problem-solving, Adaptability, Teamwork, Attention to Detail, Continuous Learning, Open-Minded
<b>Languages</b>	English (proficient), German (intermediate), Swedish (elementary)