

# Simon Naumov

📍 Berlin, Germany

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## Professional Experience

### Middle Software Engineer | Zalando

Full-time · Berlin, Germany

#### Fulfillment Offering Team

- Re-architected a legacy service into a shared library, executing implementation, shadow testing, and rollout across two teams to improve reliability and reduce operational overhead
- Developed and maintained backend services aggregating delivery options and time promises using **Kotlin**, Spring Boot, AWS, and Kafka

### Middle 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 (PostgreSQL, Oracle DB, Kafka), 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

### Junior Software Engineer | Huawei Technologies

Full-time · Saint Petersburg, Russia

#### Cloud Application Platform

- Built and maintained a service for dynamic publication of APIs aggregating data from multiple databases and streaming sources using **Java**, Docker, and Kubernetes
- 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

#### Big Data Platform

- Designed and implemented automation tooling for Big Data pipeline configuration using **Java**, PostgreSQL, and graph databases
- Enhanced system performance by **1.5 times** and reduced manual configuration effort by **5 times** through workflow automation

## 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

Sep 2021

## Summary

Software Engineer with 6 years of experience building and scaling backend systems in Kotlin, Java, and Rust. Strong background in designing resilient architectures, driving cross-team initiatives, and delivering production-ready solutions. Hold a Master's degree in Computer Science and bring technical depth with a focus on reliability, performance, and continuous improvement.

## Skills

<b>Development</b>	Kotlin, Java, Rust, Spring, Gradle, Maven, RESTful 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)