



Nikita Sidorov

Software Engineer

I am dedicated and responsible software engineer, software architect wannabe. I began building applications with Ruby back in 2017, and I have a strong knowledge of Rails versions 4-7, REST, gRPC, SOAP and Websocket APIs. I've completed several projects entirely on my own, with a couple described below. I contribute to open source projects, I build complex systems, plan strategic technical features and maintain tech debt daily along with regular tasks

Contact

Phone

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Location

Potsdam, Brandenburg

Email

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Education

2024-2025

Masters in Software engineering
UE for applied sciences(Potsdam)

2019-2023

Bachelor degree in applied mathematics
NUST MISIS

Expertise

- Ruby/Golang
- Rails/Grape/Hanami/Sinatra
- PostgreSQL/MongoDB/Redis
- Architecture
- Scrum, Kanban
- ELK
- Docker
- Kubernetes

Language

English - C1 (Duolingo - 130)

Russian - Native

Experience

CURRENT TIME

Trucker | app.tms.ru

Ruby On Rails Developer

At Trucker is a B2B Truck Management System project.

Achievements:

- Strategic refactoring legacy API, which involved querying, paginating, authorizing resources at the same level of abstraction. I isolated each level, involved query-builders, domain errors and much more
- Abstraction for building complex filters for "ransack" gem https://github.com/KebabJoy/ransack_builders
- Migration to Ruby 3.0, forking Dry gems to update them up to Ruby 3 <https://github.com/KebabJoy/dry-validation>
- Implementing complex DB queries, query optimization
- PostgreSQL full-text search implementation
- CQRS/DDD
- RabbitMQ
- EventSourcing
- Event Driven development

2020-2022

Level Travel | Moscow, Russia | level.travel

Software engineer

Key Achievements and Responsibilities:

- **System Integration:** Connected our system to an external service for loyalty programs, cashback bonuses, marketing messages, and analytics. Kept data up-to-date using Grafana for monitoring and ELK for logs.
- **Payment System Improvement:** Helped make the payment system ready for new payment methods.
 - Fixed issues with handling many tasks at once and improved communication with other systems.
- **Better Notifications:** Used the noticed gem to improve how we send SMS, mobile pushes, and emails.
- **In-House Loyalty Features:** Built loyalty program features inside our system when the external service was stopped.
 - Updated many parts of the system and used Golang for some tasks.
- Worked with tools like React.JS, CoffeeScript, and Ember.JS, showing I can quickly learn new tools.

Experience

2018-2020

Soft Project I Moscow, Russia

Ruby developer

- Switching from standardrb to rubocop, coding rubocop config
- Building flexible Call Flows for automated call-centers
- Building microservice to write and read cal's data from elasticsearch.
Also setuping mapping for ES

GENERAL EXPERIENCE

- Deep expertise in PostgreSQL, including:
 - MVCC understanding
 - PostGIS for geographic data
 - LTree for hierarchical data
 - Advanced indexing techniques (GIN, GiST)
 - Query optimization and performance tuning
 - Advisory locks
- Metaprogramming experience
- Multithreading in ruby experience
- MongoDB experience starting from version 3.4
- Kafka and RabbitMQ experience
- Golang experience for 1 year+
- Node.JS experience for ~ 0.5 year
- Legacy technologies experience: Ember.JS, CoffeeScript

CAREER GOALS

- Become software architect
- Become a speaker on ruby meetups
- Design/Implement features/projects heartwarming projects such as loyalty program in level.travel

GENERAL INFORMATION

- I used to take part in competitive programming: ICPC, codeforces. I quit it in 2021
- I won a series of hackathons when I was a student: VTB MoreTech 3.0/4.0, Urbathon
- I dreamed of studying in the Czech Republic since I was 17. At 23, after graduating from university in Moscow, I moved to Germany to pursue a master's degree
- Dedicated, responsible, and motivated to continually improve and surpass my past self