

SERGEY ALEKSEEV

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ABOUT

13 years of experience, some of it pleasant. I've worked at big tech — **Mail.Ru**, **Yandex**, **Canva**, **IBM** — and at startups that were considerably more fun. What I'm good at is taking a product from "someone has to run that query by hand" to a system that answers the question itself, at scale, for everyone. I get genuinely excited about **geo**, **logistics**, **ecommerce**, **search** and **gen AI**.

I'm not a fan of rigid roles and corporate process adopted purely because a bigger company does it. I'd rather own a problem end to end and find the simple, smart solution — instead of over-engineering something complicated to justify my salary.

SKILLS

FLUENT	LLMs, agents, RAG, semantic search, MCP, TypeScript, JavaScript, Node.js, React, React Native, SQL, PostgreSQL, PostGIS, ClickHouse, C#, ASP.NET Core, GraphQL, AWS, Docker, MongoDB, Elasticsearch, Orleans, git
COMFORTABLE	Go, Python, Kubernetes, SQL Server, Java

HIGHLIGHTS

- Started the platform an ecommerce analytics company runs on, and lead its development.
- Made AI-powered search and conversational answers a core part of **Dovetail**'s product.
- Replaced manual monitoring of a top-50 global website with a system that analyses 100× more signal, and presented it at several IT conferences.
- Built the engineering foundations two fast-growing grocery delivery startups ran on — from scratch at **Golamago**, out of a fragmented estate at **MILKRUN**.
- Cut feature time-to-market at **Yandex** from three months to one week by rewriting the platform's core.
- Build things nobody asked for: a React Native cycling app with real users, a logistics platform I work on when the mood strikes, and an autonomous robot purely for fun.

EXPERIENCE

 **ProfitPeak** — Staff Engineer

Sep 2025 – Present

Ecommerce profit analytics. I started the platform the product runs on — **TypeScript**, **PostgreSQL** and **ClickHouse** on **AWS** — and lead its development.

- Turned analytics from something customers requested into something they perform: they ask questions of their own data in plain language and get answers, instead of waiting on an analyst.
- Put that same capability inside the AI assistants customers already use, over **MCP**, so our analytics show up where they work rather than only in our app.
- Made the platform safe to sell upmarket — tenant isolation enforced at the database, role-based access across every surface, and access changes rehearsed against production data before they ship rather than discovered by customers afterwards.
- Replaced bespoke reporting with dashboards customers configure themselves, including forecasting that tells them what to do next rather than what already happened.
- Connected the systems customers actually run their business on — **Shopify**, **Meta**, **Klaviyo**, **GA4** — so the numbers are complete enough to act on.

 **Dovetail** — Staff Engineer & Search Lead

Jul 2023 – Sep 2025

Led search, and the shift from finding documents to answering questions.

- Made **generative AI** a core part of the product's search rather than a feature bolted onto it, so users get answers with evidence instead of a list of results to read through.
- Let people interrogate their research conversationally — follow-up questions, in context, without learning query syntax.
- Kept it fast and affordable as it scaled, so relevance improved without the infrastructure bill following it.

 MILKRUN — Senior Software Engineer

Jun 2022 – Apr 2023

Full-stack engineer on the platform team, in a company growing faster than its codebase. *I was laid off because the company shut down.*

- Consolidated a fragmented estate of projects, stacks and release processes into one platform, making consistency and quality something the whole company could fix at once instead of team by team.
- Gave every service a shared, typesafe foundation, so correctness became the default and whole categories of bug stopped reaching production.
- Built the internal tooling the operations, support and content teams ran on daily, replacing manual work with a single interface and fine-grained permissions.
- Consolidated data scattered across **Firestore**, **MongoDB** and others onto **PostgreSQL** and **PostGIS**, which made the product both faster and easier to reason about.

 IBM — Senior Software Engineer

Sep 2021 – Jun 2022

I joined **Envizi**, which IBM acquired a few months later — not what I signed up for.

- Delivered an enterprise application that shipped and stuck, in **TypeScript** and **C# / ASP.NET Core** on **SQL Server**.
- Modernised the stack and the processes around it while the acquisition happened around us.

 Canva — Software Engineer

May 2021 – Sep 2021

- Worked on the **React** and **TypeScript** design system every Canva product is built from, with a focus on making its components accessible.

 Yandex N.V. — Software Engineer

Apr 2018 – Mar 2021

Worked on the platform for building skills for Alice, Yandex's voice assistant, used by millions.

- Rewrote the high-load core service from **C++** to **Java**, cutting feature time-to-market from **three months to one week** — the platform could finally ship at the speed the product needed.
- Built the skill store that became the front door for the ecosystem, reaching **100,000+ daily active users**.
- Made the platform reliable enough to stop being the reason things broke, with monitoring across **100+ business and technical metrics**.

 Golamago — Senior Software Engineer

Jul 2016 – Apr 2018

- Built the backend a grocery delivery startup ran on, from scratch to **1,200+ orders a day**.
- Modelled the messy realities of ordering and fulfilment as explicit state machines on **Orleans**, so edge cases became visible rather than expensive.

 Mail.Ru Group — Software Engineer

Apr 2013 – Jul 2016

Worked on ok.ru, one of the largest social networks in Russia, with 140+ million registered users.

- Replaced manual monitoring with a system analysing **5,000 charts every five minutes instead of 50**, removing the human factor and giving the monitoring team their time back.
- Built the moderation tooling that cut the manual review load dramatically.

EDUCATION

 Gubkin Russian State University of Oil and Gas — Master's in Computer Science and Automation

2007 – 2013