

Yury Kononov

Chief Technical Officer

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ABOUT

CTO with 15 years of technology leadership and product development experience in FinTech and e-commerce. I specialize in building engineering organizations, scaling high-load platforms, and adopting AI tools in software development processes. Managed teams of 200+ specialists and built products for millions of users, including the transformation of a mission-critical banking platform to a microservices architecture that cut time-to-market from months to 2 weeks.

EXPERIENCE

NDA, 10.2023 – present

Chief Technical Officer

- Defined the technology strategy for 7 fintech products of a TOP-3 Russian bank, managing 20 engineering teams and 200+ specialists.
- Delivered the replacement of a mission-critical banking platform in 1.5 years, transforming the core banking system into a microservices architecture of 60+ services with a 99.999% SLA for millions of clients.
- Scaled the engineering organization to 8 teams and 80+ specialists, growing 6 IT leads.
- Optimized architecture and SDLC processes, reducing time-to-market from 2 months to 2 weeks, cutting release costs by 40%, and establishing a 3-week delivery cycle.
- Introduced AI assistants and cross-team testing, improving development efficiency across 15 teams and reducing end-to-end test-run time by 30%.

Engineering Manager, 10.2021 – 10.2023

- Launched a post-sale loan servicing product from scratch, building a team of 10 specialists and shipping an MVP in 3 months for 2,000 users and 1,500 requests per day.
- Scaled the product into a retail online bank, reducing employee workload by 20% while reaching 1M+ users.
- Migrated 200+ business processes to a unified digital platform in 3 months, cutting request processing time by 10%.
- Grew an omnichannel microservices platform with 40+ integrations and a 99.999% SLA for 3 lending business lines.

Aero eCommerce Agency, 10.2020 – 10.2021

CTO

- Defined the technical strategy for nationwide-scale e-commerce projects, managing a cross-functional team of 25 specialists and a portfolio of 4 projects.
- Launched a high-load e-commerce platform from scratch in 6 months, building a microservices architecture of 20+ services handling 50K+ orders per day and 5K+ concurrent online users.
- Ensured seamless zero-downtime traffic migration from a monolith to microservices, preparing the platform for further development by the client's in-house team.
- Built 3 feature teams (CMS, OMS, PIM), increasing development velocity across key domains.

Head of Backend Development, 08.2018 – 10.2020

- Led the backend practice with a team of 25 developers and 3 DevOps engineers, advancing development processes, hiring, and engineering culture.
- Transformed platform architecture and infrastructure, migrating solutions from 1C-Bitrix to microservices and Kubernetes clusters with CI/CD and monitoring.

Team Lead, 08.2016 – 08.2018

- Led a team of 4 developers on a flagship high-load e-commerce product operating in 5 countries with ~40 integrations.

- Optimized platform architecture and performance through profiling and Elasticsearch, ensuring stable operation at 2M visits per month.

EDUCATION

P. G. Demidov Yaroslavl State University — Computer Science, Applied Informatics in Economics, 2007–2012.

LANGUAGES

Russian — native, English — B2.

SKILLS

Technology Strategy, Engineering Leadership, People Management, AI Adoption, AI-assisted Development, Software Architecture, Enterprise Architecture, Microservices, Distributed Systems, Highload Systems, DevOps, CI/CD, Agile, Java, TypeScript, React, Golang, Python, PostgreSQL, Kafka, Kubernetes.