

Work Experience

Principal Software Engineer	Kuper (Remote)	2023 - 2025
Order Processing & Payments Unit		
<ul style="list-style-type: none">• Led the architectural transformation of the Cart service, migrating 99% of mobile users from the Rails monolith to a Go-based service. Cut latency by 70% and slashed infrastructure costs by 75%, ensuring a smooth 2024Q4 season.• Architected and guided a year-long zero-downtime migration from the Rails monolith to the Content Platform. Reduced content update delays from 3-6+ hours to 30-180 seconds.• Drove cross-team optimizations, enabling the system to handle 3–6x throughput while preventing service degradation or outages amid continuous traffic growth.• Mentored teammates on architecture and system design while supporting cross-team feature integration.		
Staff Software Engineer	Kuper (Remote)	2021 - 2023
<ul style="list-style-type: none">• Architected and implemented payment preauthorization in 1.5 months, driving \$15M+ GMV impact in 2022.• Designed and developed key components of the new "Ready to Eat" business line, driving over 10% of total GMV.• Orchestrated 10+ Event Storming sessions, defining service boundaries to streamline domain segmentation.• Optimized storage by reclaiming hundreds of GB, cutting costs and boosting performance.		
Lead Developer (Personal Loans)	Rocketbank (Moscow, Russia)	2019 - 2021
<ul style="list-style-type: none">• Launched Rocketbank's first credit product, Rocket Advance, in under 3 months.• Built an in-house CQRS/event-sourcing framework and domain-driven loan system.• Developed a multi-step application decision engine, optimizing loan approvals.		
CTO	Potok.Digital (Moscow, Russia)	2017 - 2019
<ul style="list-style-type: none">• Led technical strategy, making the company self-sufficient in 2 years.• Transformed departments into agile SCRUM teams, improving delivery speed by 20-40%.• Set and enforced quality standards, reducing outages by 70% and boosting deployment success.• Recruited and built a high-performing team, scaling to 20 engineers and driving key product launches.		
Senior Ruby on Rails Developer	Potok.Digital (Moscow, Russia)	2017 - 2018
<ul style="list-style-type: none">• Resolved a critical tech crisis, restoring stability and ensuring uninterrupted operations.• Led development and launch of the flagship feature—continuous reinvestment, driving 70% client retention.• Promoted to CTO, recognizing leadership and technical impact.		
Lead Developer and Co-Founder	Altread	2015 - 2017
<ul style="list-style-type: none">• Developed a sophisticated money distribution system from scratch using Ruby on Rails and MongoDB.		
Fractional CTO	3waytalk	2015 - 2016
<ul style="list-style-type: none">• Initially hired for a pre-launch independent checkup, I transitioned into a part-time CTO role.		
Lead Developer	Mail.Ru Group	2012 - 2015
<ul style="list-style-type: none">• Led backend development for the BrightCam photo editing app (bcam.mobi), reaching 10M+ Android installs.		
Lead Developer	Pokupanda	2010 - 2012
<ul style="list-style-type: none">• Led the development and launch of a new service version within 3 months, managing a small team.		
Independent Software Developer		2004 - 2010
<ul style="list-style-type: none">• Developed, launched, and maintained 30+ projects, delivering full-stack solutions across industries.		

Technologies and Languages

- Languages: Ruby, Go, PHP, JavaScript
- Databases: PostgreSQL, MySQL, MongoDB, Redis, RabbitMQ, Apache Kafka
- Technologies: Docker, Kubernetes, Rancher, Apache, Nginx
- Other: Hands-on Technical Leadership, Software Architecture, Domain-Driven Design (DDD), Systems Design, Event Storming

Education and Courses

- **Specialist Degree in Computer Science**, North-Caucasus State Technical University. **2013 - 2014**
(5-year program, M.Sc. equivalent)

Interests

- I engineer espresso (built a custom pressure reader for my Flair 58 – see the projects section) and explore hundreds of new music albums yearly.

Projects

- **mxcffee – DIY alternative to Smart Espresso Profiler**
<https://github.com/focushifter/mXcoffee>
A C++-based, ESP32/M5Stack-powered system that measures piston pressure, shot time, and shot weight, integrating with popular coffee apps. Built for under \$200, making precision espresso on manual lever machines more accessible.