

## Work Experience

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

## Technologies and Languages

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- 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

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- **Specialist Degree in Computer Science**, North-Caucasus State Technical University. **2003 - 2008**  
(5-year program, M.Sc. equivalent)

## Interests

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- 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

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- **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.