

KIRILL ABRAMENKO (RUSSIAN, NOVOSIBIRSK)

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Summary

Tech Lead / Senior Software Engineer with 9+ years of experience in backend development (Golang). Experienced in designing and building scalable, high-load distributed systems. Strong expertise in databases, message brokers, and networking.

For several years, I worked on one of the world's largest gambling platforms, gaining deep expertise in handling high-traffic systems, real-time data processing, and ensuring system reliability under extreme loads. Additionally, I have experience in developing cryptocurrency-related projects, including blockchain integrations, smart contract interactions, and secure transaction processing.

I am passionate about mentoring, conducting code reviews, and improving development processes. My focus is on delivering business value through clean, efficient, and maintainable code while fostering a strong engineering culture within teams.

Experience

Ecom.tech (July 2022 – July 2025 | 3 year 6 month)

Senior Golang Engineer | Moscow, Russia

Worked on complex **loyalty and cart calculation systems** for a large-scale e-commerce platform.

- Developed a **loyalty platform** with **advanced mathematical and logical calculations**.
- Built a **product cart processing engine**, including **categorization, discount calculations, and marketplace logic**.
- **System Design & Core Services:** Designed and implemented critical microservices from scratch. Utilized code generation tools to streamline development and ensure architectural consistency across the system.
- **High-Load & Async Processing:** Developed background workers and orchestrated event-driven architecture using **Apache Kafka** for high-throughput data streaming and reliable message processing.
- **Strategic Integrations:** Led the integration with major external ecosystems, including **Samokat** and **Sberbank** services. Implemented secure bonuses payment processing via the **SberPayment Gateway (CPL)**.

Gambling (NDA) (June 2023 – February 2025 | 1 year 9 months)

Technical Consultant / Team Lead (Part-time) | Limassol, Cyprus

Developed three major projects in a **high-load gambling** ecosystem, ensuring scalability, fault tolerance, and efficient integrations.

- **Orchestration Platform:** Built a system to **launch games**, **calculate winnings/losses**, and integrate third-party providers.
- **Integration Platform:** Led the integration team, established **development processes**, and implemented a **platform for seamless external provider connections**.
- **Analytics System:** Designed and developed an **analytics platform from scratch**, providing **real-time business metrics (NGR, GGR, etc.)** and a management panel for analysts.

SWAPP.ee (February 2021 – July 2022 | 1 year 7 months)

Team Lead (Go) | Chicago, USA (Remote)

Led the development of a **crypto wallet platform** and a **data monetization ecosystem**.

- Developed a **crypto wallet** with core functionalities for storing, sending, and receiving tokens.
- Built a system where users could **connect a tracker via a plugin or mobile app** and **earn crypto tokens** by sharing their web browsing data.
- Designed an **advertiser platform** allowing businesses to purchase user data based on **interest categories and geolocation**.

Novosibirsk State University (NSU) (September 2020 – September 2021 | 1 year 1 month)

Lecturer, Graduate supervisor | Novosibirsk, Russia

- Taught programming, **algorithms**, and **data structures**.
- Supervised **20+ diploma projects** and mentored students in software development.

Center of Financial Technologies (CFT) (July 2019 – February 2021 | 1 year 8 months)

Senior Engineer | Novosibirsk, Russia

- Developed a **nationwide transportation payment card** system, enabling seamless transactions across multiple regions.
- Worked on **payment processing**, **transaction security**, and **financial integrations**.

2GIS (January 2017 – September 2018 | 1 year 9 months)

Middle Engineer | Novosibirsk, Russia

- Developed a **company management system** for operators handling **city-wide business data verification**.
- Built **tools for tracking businesses, updating company profiles**, and streamlining operator workflows.

Technical skills

- Languages: Golang, Python, C#, SQL
- Databases: PostgreSQL, Redis, Cassandra, Microsoft SQL, Oracle PL/SQL
- Cloud & Infrastructure: AWS, Kubernetes, Docker, Linux
- Messaging & Streaming: Amazon SQS, Apache Kafka, RabbitMQ
- Monitoring & Observability: Grafana, Prometheus, Zabbix
- Development Practices: High-load systems, microservices, CI/CD

Education

Bachelor of Science: **Informatics and Computer Science** - 2019

Siberian State University telecommunications and informatics, Novosibirsk