

	<h1>Konstantin Kalaganov</h1> <p>Senior Backend Developer</p> <p>Contacts</p> <ul style="list-style-type: none"> • Phone: +7 (986) 975-99-76 • Email: kalaganov.konstant@gmail.com • Telegram: @KalaganovKonstantin • GitHub: Kalaganov-Konstantin • Location: Ufa, Russia. Open to relocation and business trips.
<p>About Me</p>	<p>A Senior Backend Developer with expertise in designing high-load systems and migrating monoliths to a microservices architecture. I specialize in Python and Golang, applying Clean Architecture and Domain-Driven Design (DDD) principles. I have hands-on experience with fintech projects and IoT systems.</p> <p>I am actively learning new technologies and approaches: I have completed courses on microservices architecture and am currently studying Kubernetes and cloud technologies. I regularly participate in code reviews and share my knowledge with the team.</p>
<h2>Key Skills</h2> <ul style="list-style-type: none"> • Programming Languages: Golang, Python • Architectures: Microservices, Event-Driven Architecture (EDA), Clean Architecture, Domain-Driven Design (DDD) • Databases: PostgreSQL, MongoDB, Redis, ClickHouse • Message Brokers & Streaming: Apache Kafka, RabbitMQ, MQTT • Tools & DevOps: Docker, Kubernetes, CI/CD, Prometheus, Grafana, ELK Stack 	
<p>Work Experience —3+ years</p>	
<h2>Ufanet</h2> <h3>Senior Backend Developer</h3> <h4>Architectural Transformation and System Design</h4> <ul style="list-style-type: none"> • Led the migration of a distributed monolith to an Event-Driven Architecture (EDA), reducing service coupling by 60%. • Developed a transition strategy from synchronous HTTP communication to asynchronous processing via Kafka. • Implemented the Outbox and Saga patterns to ensure data consistency in a distributed system. • Designed and enforced Clean Architecture principles across all new microservices. • Engineered a key management system for 50K+ IoT devices, featuring key rotation and auditing. <h4>Performance and Optimization</h4> <ul style="list-style-type: none"> • Optimized SQL queries, reducing API response time from 2 seconds to 100 ms. • Migrated a Telegram bot from polling to WebSockets, resulting in a 40% latency reduction and a 200% increase in throughput. • Implemented multi-level caching (Redis + in-memory), decreasing database load by 70%. • Configured processing for over 500,000 events per day through Kafka using batching and partitioning. <h4>Fintech and Integrations</h4>	

- Implemented secure integrations with payment systems via API gateways.
- Developed a transaction processing system with exactly-once delivery guarantees to handle 10K+ transactions per day with 99.9% uptime.

DevOps and Automation

- Automated service deployment using GitLab CI with canary releases.
- Set up a full monitoring stack: Prometheus + Grafana + Alertmanager.
- Implemented distributed tracing with Jaeger for debugging microservices.
- Achieved 95% test coverage within an automated CI/CD pipeline.

Crypton Startup

Python Developer

Telegram Bot Development for Crypto Traders

- Developed a Telegram bot for monitoring cryptocurrencies (Python, aiogram).
- Implemented notifications for price alerts and technical indicators (RSI, MACD).
- Integrated Binance and CoinGecko APIs for real-time data.
- Served ~500 active bot users.

Backend Development

- Developed a REST API for the web version of the service (FastAPI, PostgreSQL).
- Implemented a basic subscription system through the bot.
- Optimized requests to external APIs, reducing rate limit errors by 90%.

Technical Support and Improvements

- Implemented Redis for caching frequent requests, reducing load by 60%.
- Wrote bash scripts to automate deployment and database backups.
- Added logging and error handling, which simplified debugging.

Initiatives and Growth

- Began learning Golang for performance-critical parts of the system.
- Participated in all development stages: from idea to production.
- Worked directly with users, gathering feedback and fixing bugs.

Education

Higher Education

2022

Ufa State Aviation Technical University, Ufa

Faculty of Aircraft Engines, Energy and Transport, Heat and Power Engineering (specialization in Automatic Control Systems)