

KIRILL GLUSHAKOV

Senior Backend Engineer | Node.js | TypeScript | Microservices

Serbia (open to remote / relocation) | +381 612 407 316 | sos12sos13@gmail.com | [linkedin.com/in/sijuz](https://www.linkedin.com/in/sijuz)

PROFESSIONAL SUMMARY

Senior Backend Engineer with 7+ years building scalable, high-load web applications and distributed backend systems across fintech and AI. Architected microservices platforms handling 2,000+ concurrent processes at 500+ RPS and optimized storage for 100M+ records on PostgreSQL and TimescaleDB. Built secure financial applications serving 6M+ users and shipped 4 production-grade products in 9 months. Strong hands-on background in Node.js, NestJS, TypeScript, REST APIs, Docker, and Kubernetes, with a solid record of system architecture, technical decision-making, and mentoring.

PROFESSIONAL EXPERIENCE

Senior Backend Engineer - SODA.AI

Dec 2023 - Present

- Architected and scaled a microservices platform for AI-powered game generation, supporting 2,000+ concurrent games at 500+ RPS.
- Engineered an AI code-generation pipeline using OpenAI APIs and prompt orchestration, automating game-content creation that was previously done by hand.
- Optimized data storage and analytics for 100M+ records using TimescaleDB hypertables and continuous aggregates to keep analytical queries fast at scale.
- Configured Kubernetes auto-scaling on application-specific metrics, right-sizing pods to cut over-provisioned compute and lower cloud costs.
- Designed and maintained 4+ backend services with NestJS, Redis, and PostgreSQL in a distributed microservices environment.
- Drove backend code quality through unit, integration, and end-to-end testing with Jest, reaching 80%+ test coverage.

Senior Full Stack Engineer - DeLab

Oct 2022 - Nov 2023

- Built a secure financial application for 6M+ users, implementing PBKDF2 encryption and client-side key management.
- Developed real-time transaction processing and analytics services with Node.js and TypeScript for high-load financial applications.
- Delivered 4 distinct products to production in 9 months - fintech, VPN, and analytics - using React, Node.js, and PostgreSQL.
- Created backend APIs and frontend interfaces for high-load financial applications used across the product suite.
- Owned architecture, implementation, deployment, and post-release support across four production products.

Middle Backend Engineer - Polus

Jul 2021 - Sep 2022

- Engineered backend services for trading platforms and real-time monitoring systems used across the business.
- Developed an order-book trading platform handling 200+ requests per second with sub-second latency.
- Launched a monitoring platform for 30K+ connected devices with real-time telemetry and alerting.
- Integrated backend services with 10+ financial systems and third-party APIs for high-availability applications.

Full Stack Engineer - Cyber Donate

Sep 2018 - Jun 2021

- Implemented payment solutions for online platforms, including third-party API integrations, backend services, and transaction reconciliation flows.
- Designed modular backend components that improved maintainability and sped up delivery of new features.
- Delivered end-to-end full-stack payment features across frontend and backend systems for 5+ live products.
- Managed and grew 10+ key client accounts, contributing to 25% company revenue growth over the period.

TECHNICAL SKILLS

Backend: Node.js, NestJS, Express.js, Fastify, TypeScript, REST API, Microservices, JWT Authentication, TypeORM.

Frontend: React, Next.js, JavaScript, TypeScript, Redux, Tailwind CSS, UI Development.

Infrastructure & DevOps: Docker, Kubernetes, AWS, CI/CD, GitHub Actions, Nginx, Linux.

Databases: PostgreSQL, TimescaleDB, Redis, MongoDB, SQL Query Optimization.

Testing: Jest, Unit Testing, Integration Testing, E2E Testing, Postman.

Domains: Fintech, Payments, High-Load Systems, AI / LLM Integration.

LANGUAGES

English - Intermediate (B1) | Russian - Native.

EDUCATION

Serbiyev Posad Humanitarian Institute

2018 - 2020