

Arseniy Nikonov

C#/.NET Developer

nik.arseniy01@gmail.com • +7 (989) 232-82-35 • Krasnodar, Russia (ready to relocate)
t.me/Ars_Nikon • linkedin.com/in/arsnikon • nikonoff.tech

ABOUT

Senior .NET developer with 4+ years of experience. I work with the full stack: .NET Core, Vue.js, Blazor, MAUI Hybrid. Experience in building event-driven systems (RabbitMQ) and working with Docker, Kubernetes, Redis and Elasticsearch. Implemented LLM/RAG for an internal knowledge base. Currently studying Go for high-load systems.

WORK EXPERIENCE — 4 YEARS 9 MONTHS

Senior .NET Engineer May 2024 – Present (2 yrs 3 mos)
Ekaterinskaya Clinic (IT SERVICE LLC) — Krasnodar, clinic23.ru

Key achievements

- Designed and developed the platform's microservice architecture (30+ services), including 20 new microservices built from scratch
- Led the development of 5 large projects: a Vue.js web application, a REST API, a MAUI Hybrid desktop application, a Blazor application and an admin panel
- Optimized system performance: reduced memory consumption by 40%, accelerated API response times, increased SQL query speed by 70%
- Implemented an intelligent search system on Elasticsearch with RAG mechanics and LLM models for the internal knowledge base

Architecture and technical leadership

- Designed the microservice architecture of a medical information system with clear separation of responsibilities, fault tolerance and horizontal scaling
- Introduced a modern technology stack: RabbitMQ for asynchronous communication, Redis for caching and distributed locks, Docker for containerization
- Optimized data access: improved the ORM layer (EF Core), introduced Dapper for high-load operations, used ClickHouse for analytics

Security and monitoring

- Implemented work with crypto tokens and crypto providers (CryptoPro) for secure document flow and electronic signing of medical documents
- Set up monitoring of critical services in Grafana to meet SLA targets and enable rapid incident response

Automation and ML

- Trained ML models to forecast patient flow and optimize appointment scheduling
- Implemented LLM and RAG mechanics for intelligent search and answer generation over the internal knowledge base

Team development

- Conducted code reviews, mentored developers and supported the professional growth of the team
- Introduced development best practices and an AI-native workflow (Claude Code, MCP), maintaining high code quality standards

.NET Developer November 2022 – May 2024 (1 yr 7 mos)
Ekaterinskaya Clinic (IT SERVICE LLC) — Krasnodar, clinic23.ru

Backend development with a focus on integrations with external systems.

- Designed and implemented integrations with external medical information systems (MIS) and partner services via REST API
- Implemented an event-driven architecture on RabbitMQ with guaranteed message delivery for microservice interaction and integration with external MIS
- Integrated OpenCV for automatic processing and scanning of medical documents, reducing the number of unrecognized files by 2.5x and improving recognition quality

- Migrated 10 legacy modules from .NET Framework to .NET Core as part of the platform modernization
- Helped onboard and mentor junior developers

Junior .NET Developer November 2021 – November 2022 (1 yr 1 mo)

Ekaterinskaya Clinic (IT SERVICE LLC) — Krasnodar, clinic23.ru

Started working on the clinic's medical information system while studying Information Security.

- Extended and completed functionality in existing backend services
- Developed new REST API functionality under the guidance of senior developers
- Wrote and maintained technical documentation for services and integrations

EDUCATION

Master's degree — Kuban State Technological University 2023 – 2025

Faculty of Information Technology and Cybersecurity (FITC) — Informatics and Computer Engineering

Bachelor's degree — Kuban State Technological University 2019 – 2023

Faculty of Information Technology and Cybersecurity (FITC) — Information Security

SKILLS

- Backend: C#, .NET Core, ASP.NET, gRPC, REST API, Golang (studying)
- Data: MS SQL Server, EF Core, Dapper, Redis, ClickHouse, Elasticsearch
- Infrastructure: Docker, Kubernetes, CI/CD, RabbitMQ, Grafana, Git
- Frontend: Vue, TypeScript, Blazor, MAUI Hybrid (fullstack)
- AI: LLM/RAG integration, AI-native development workflow (Claude Code, MCP)

LANGUAGES

Russian — Native • English — B1 (Intermediate)