

# Aleksandr Sitnikov

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## Background/Focus

Senior .NET Developer with 19+ years developing, architecting, and deploying enterprise-level applications. Expert proficiency in C#, ASP.NET, Web API, RESTful APIs, and SQL Server, along with deep expertise in software architecture, microservices, and system integration.

## Summary

- 19+ years of experience in .NET development (C#, .NET Framework, .NET Core, ASP.NET, EF, LINQ, CQRS, DDD, PowerShell)
- Additional experience with Go and Python
- Cloud: Azure, AWS
- AI tools: Cursor, Claude
- Database: MS-SQL
- Frontend: Angular, TypeScript
- Architecture: Microservices, Event-driven, Clean Architecture
- Message Brokers: Apache Kafka, RabbitMQ
- Experience with TDD and automation testing (NUnit, xUnit)
- Extensive experience designing and implementing RESTful APIs, Web APIs, and microservice endpoints with focus on scalability, security, and performance
- Proven ability to design and architect diverse, scalable system types, including Microservices architectures
- Strong track record in technical team leadership and project delivery

## Experience

### **RUSAL, Senior .NET Developer, 2022 - Now**

- Delivered a scalable enterprise document management system by leading the development and support of microservices (C#, .NET Framework/.NET Core/.NET, ASP.NET, MSSQL, EF, xUnit, LINQ, CQRS, Event-driven, Kafka, DDD, VSTO, Angular)
- Improved project delivery and team efficiency through effective performance management and accurate resource estimation
- Designed and implemented RESTful APIs for document management microservices, ensuring secure inter-service communication and external system integration
- Developed event-driven APIs using Kafka for asynchronous processing and real-time data synchronization across distributed services
- Built a strong engineering team by conducting technical interviews and selecting qualified specialists

### **Moonflat, CTO, 2015/2017**

- Delivered reliable performance and scalability by designing system architecture and developing core software solutions (C#, ASP.NET, MSSQL, EF, NUnit, jQuery, Bootstrap, Dapper, CQRS, LINQ)
- Successfully launched a short-term housing rental platform
- Expanded market presence by establishing business operations and building an effective team
- Increased customer acquisition through targeted marketing and advertising campaigns

### **EPAM, Senior .NET Developer, 2010/2022**

- Developed architecture, design, and various systems/integration solutions/e-commerce (C#, ASP.NET, MSSQL, EF, LINQ, NUnit, jQuery, Bootstrap, WPF, OpenText Platform)
- Architected and developed RESTful Web APIs for e-commerce platforms and third-party system integrations
- Implemented secure API authentication and authorization mechanisms (OAuth, JWT)
- Built future talent pipelines by training, mentoring, and interviewing students

### **Avalon, Senior .NET Developer, 2006/2010**

- Led the design, development, and citywide deployment of a major billing system for cellular, internet, and utility payments, successfully implemented across multiple retail locations (C#, Azure, MSSQL, WPF, ASP.NET, WinForms)
- Established a robust and highly available system architecture (including microservices principles), ensuring seamless integration with diverse partner services and hardware (POS terminals, scanners, etc.)
- Built and mentored a high-performing development team by successfully selecting and onboarding qualified engineers; improved operational efficiency by creating internal documentation and automating recurring processes
- Ensured project transparency and goal alignment through regular progress updates to senior management; successfully translated client requirements and feedback into actionable, high-impact features (e.g., intuitive UI, online accounting system)
- Successfully launched a cloud-based online accounting system that streamlined financial operations for clients and significantly increased user engagement and efficiency (C#, Azure, MSSQL, Silverlight, ASP.NET)

### **Samara State Technical University, Laboratory, Programming Trainee, 2005/2006**

- Practiced and developed programming skills in an academic environment (C#, OpenGL, ADO.NET)
- Worked with sample projects, exercises, and exploratory coding tasks

## **Education**

- Master's degree, Samara State Technical University, Samara, Russia, 2003 – 2006