# Sergey Shulik

Lead C# Developer

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## Education

### Engineer, Automation of spacecraft control systems                 2002 - 2008

"MATI" - Russian State Technological University

Lead Russian University in spacecraft engineering

## Skills

Common: application developing, SOLID, GoF, agile, team leadership, analytics;

Technologies:

common: .NET Framework (1.0 - 4.6), C#, dotnet core;

desktop: WinForms, WPF (MVVM);

web/net: ASP.NET MVC, WebAPI, WCF, JavaScript (AngularJS, JQuery, TypeScript); HTML4/5; CSS3;

DBMS: EntityFramework, ADO.NET, MSQ SQL 2008/2014, SQLite, SQL PE, PostgreSQL, MongoDB;

IDE & Tools: Visual Studio 2010/2015; TFS 2010/2015; ReSharper, .NET Reflector, WebStorm; Git/Mercurial;

Other: RabbitMQ/Azure Message Bus; CoachDB/MongoDB, Octopus Deploy, Docker, Topshelf, NancyFX;

## Previous jobs

### Hack and Craft                                                      2016 - ...

C# Senior Developer

Development highload web-service. My role in this project is architector / Lead C# Developer.
Used technologies:
- ASP.NET MVC 4, MS SQL Azure, Azure Message Bus, Azure Load Balancer, Topshelf, NancyFX, Octopus deploy;
- also i am acting head of DevOps department;

### Senior c# Developer                                                 2015 - ...

Aeroclub IT

- development of highload WCF/web-service;
- development ecosystem based on microservices;
- integration third-part services;

### C# Developer                                                        2014 - 2015

Kaspersky Lab

Development UI and business logic of main company product "Kaspersky Internet Security";

### C# Senior Developer                                                 2011 - 2014

Positive Technologies

In Positive Technologies I have been working at three projects:

1. First my project was big highload application aimed at more then 200 users in our company. My roles at this project were refactoring application architecture(realization of classic three layer architecture, implementing design patterns), introducing agile methodology (earlier we used Scrum, later we selected Kanban, which was more effective in our team). Also I insisted to change WinForms for WPF with strongly following MVVM pattern. Also I implemented Entity Framework as data access technology (before the team used self-made wrappers on pure ADO.NET). Partially there was introduced unit-testing. The main challenge on this project was requirement to continue feature delivery during refactoring process.

Used technologies and patterns: WinForms & WPF/MMVM, Entity Framework, Windsor Castle as DIC, MVVM Light as MVVM Framework, MSTest and Moq for unit-testing, GoF as holy book.

2. Integration Team Foundation Server 2012 on all business processes in company. My roles at this project were exploring and integration TFS; educating support team. Later I implemented web-plugin for visualization Kanban process.

Used technologies: ASP.NET MVC 4 / WebAPI, HTML 4/5, CSS 3 (twitter bootstrap), JavaScript (knockout.JS, JQuery), .NET Reflector and StackOverflow as knowledge base.

3. Currently I am working at multifunctional system, but a can not tell about this in detailes. I can say, that it is highload application, with includes desktop application, server module, and SaaS realization. My role in this project is to be an architect, Senior developer.

Used technologies, methodologies, patterns: WPF/MMVM (Prism as MVVM Framework), Entity Framework (SQLite, SQL PE, SQL Server), Windsor Castle as DIC, MSTest and Moq as unit-testing solutions, TFS as bugtracker, source-control and CI, PTL as multitasking, TDD.

## Gorfax Systems                                                2008 - 2011

C# Senior Developer

Development of cloud services