Aleksandr Romanov

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# Background/Focus

Senior .NET Developer/Solution Architect with over 19 years of broad experience in creating enterprise business solutions for bank, health, retail, publishing, engineering industry and more. Microsoft Most Valuable Professional (MVP) 2009-2014

# Summary

* 16+ years of experience in .NET development (C#, .net and .net core, ASP.NET, EF, WPF/UWP)
* Wide experience in Azure (Cosmos DB, Service Bus, DevOps, Serverless, K8s)
* 10+ years of JavaScript experience (TypeScript, Angular, React)
* 8+ years of PowerShell scripting and module development
* 3+ years with iOS development (Swift, Cocoa, CoreData)
* Experience in Visual Studio, Git, Scrum, DevOps
* Experience with TDD and automation testing (MSTest, NUnit, XCTest, Pex/Moles, Selenium)

# Experience

## March 2015 – present, Oriflame Software, Solution Architect

### Projects

1. Developed the architecture and implemented document processing system. Over 300K documents per month, geo-redounded (5 Azure + 2 on-premises datacenter), documents flow, search by metadata, integration with ESB (C#, Azure Cosmos DB, Blob Storage, ASP.NET, NUnit)
2. Design and develop Azure Service Bus/ESB two-way proxy. More 800K messages per month. (Azure Service Bus, C#, Azure functions)
3. Migration of corporate SharePoint 2007/2010 servers to Azure/Office 365 (more than 2800 sites, 20+ software solutions) (Over 2800 sites, 20+ software solutions)
4. Developed architecture, design and participated in the development of various systems and integration solution for the company by business requirements (more 15) (C#, ASP.NET, PowerShell, TypeScript, SharePoint, MSSQL Server, EF, Azure Functions, NUnit)
5. Participant for implementation DevOps process on company (Azure DevOps, Kubernetes, Helm)

## August 2012 – February 2015, Independent Consultant/Developer

### Projects/Clients

1. Big Medical Center with NetAtWork Inc. (USA). Developed the architecture and implemented the system for supporting the work of nurses and doctors during surgery. The backend stored and processed data in SharePoint. The client part worked on Windows tablets with the ability to work offline and then sync data. More than 30 screens and more than 500 different fields. UWP screens were automatically generated based on metadata from SharePoint (SharePoint, C#, XAML, TypeScript, t4, MSTest, Pex and Moles)
2. Technoserv Consulting (Russia) Design and development knowledge base management system. (C#, TypeScript, EF, MSSQL Server, NUnit)
3. CloudEDU (Russia) Design and development cloud system for school education (C#, Azure, ASP.NET MVC, EF, MSSQL Server, Office 365 + Swift/Cocoa, XCTest)
4. BoardMaps (USA). Development cloud/on-premises system for support corporate knowledge management systems. (C#, Azure, ASP.NET MVC, EF, MSSQL Server, SharePoint 2013/Office 365 + Swift/Cocoa, XCTest)
5. Alfabank (Russia), design intranet portal and integration LOB systems in SharePoint. (SharePoint 2010, C#, BCS, WCF, ASP.NET, Angular, MSSQL Server)

## October 2010 – July 2012, Mediamarkt-Saturn, Senior Developer

### Projects

1. Implement backend for import, processing and response articles information for retail internet store, salespeople (30 stores) and mobile clients (ASP.NET, WCF, MSSQL Server 2008, EF, Azure Working roles and CDN, NUnit). System contains 10 million articles, 80+ million assets, 5000 consumer per hour, 80 editor's changes per hour.
2. Implement system for automation expense reports. Over 1K users, difficult workflow, document generation, barcodes processing (SharePoint 2010, Nintex Workflow 2010, OpenXML, NUnit)
3. Architecture and design, part of the implementation system of compare market price. (MSSQL BI, PowerPivot, Excel Services)

## January 2006 – October 2010, WebZavod, Architect

### Projects

1. TaskTree – ISV solution. System for document workflow. SharePoint 2010, SilverLight 3.0
2. ServiceDesk – ISV solution. System for Helpdesk support for Small/Middle business, OCS integration (SharePoint 2010, SilverLight)
3. Integration solution for Khrunichev Space Center (Russia). Intranet portal, parts tree, task tree (SharePoint Server 2007, Project Server 2007, ASP.NET, MSSQL Server)
4. Over 5 corporate portals based on SharePoint Server 2007/2010 (C#, ASP.NET, SharePoint 2007/2010, VSTO, MSSQL, ADO.NET EF, SilverLight, PowerShell)
5. Participant for research and development logistic multi-agent software for Addison Lee transportation network with Magenta Technology LLC (J2EE, JBoss, MSSQL)
6. Participant for research and development logistic multi-agent software for Avis Company with Magenta Technology LLC (J2EE, JBoss, MSSQL)
7. P2P billing system for payment terminals (C#, ASP/NET, Ajax, MSSQL Server 2005, WPF)
8. IVR System for Marketing Department Megafon MSS Volga. (SharePoint Services 3.0, ASP.NET, MSSQL Server)
9. Route 66. Promo solution for Microsoft Russia (SharePoint Services 3.0, Community Toolkit)
10. Integration solution for Megafon MSS Volga. SharePoint and SAP R/3 integration. (C#, SharePoint Server 2007, PowerShell, MSSQL Server)

### Gains

Increased the team from seven to 25 developers; created a QA team, implemented the TFS-based SCRUM and ALM methodology, and developed and implemented 3 ISV products. Prepared the company for certification as a Microsoft Gold Partner

## September 2005 – January 2006, CQG, Developer

Development software for stock trading (C#/C++)

## May 2002 – August 2005, Rusfinance Bank, Senior Developer

Development of credit scoring of Bank's clients (C#, MSSQL, ASP.NET Forms)

## May 2001 – May 2002, Gembird Inc, Developer

Development distributed logistic system (VB/VBA, C++ and MSSQL Server)

## September 2000 – April 2001, Allgames Group, Developer

Development casual games for arcade machines (C++)

# Awards

Microsoft MVP SharePoint Server Development, Jan 2009 - Jan 2014 (5 years), MVPID: 4024539

# Education

* 2005 IBM Personal/Team Software Process Certification
* 1995 – 2000, Master’s degree, Samara State Technical University, Samara, Russia