Software Architect / Software Engineer

with focus on Web-, Database- and Softwaredevelopment

M. Sc. Computer Science Artur Savitskiy

Born in 1988, married, two Children
Experience: 14 years

Stack Overflow: http://stackoverflow.com/users/5789025/ar4i
XING: https://www.xing.com/profile/Artur_Savitskiy

Application areas and focus

Application areas: Software-Development, Database-Development, Software Design, DevOps, CI/CD, Performance Optimization, Performance Tuning, Consulting, Reporting.

Main focus: Senior/Lead Developer/Architekt (C#, Java, SQL Databases, TypeScript, Angular), Complex Systems, heterogene IT-Systems, RESTful Webservices, SOAP Webservices, BiPro Webservices, Microservices

Skills

Programming Languages and Frameworks: C# .NET, Java SE (SWT, AWT), Java EE, Maven, C/C++, Visual C++, Scala, PHP, HTML, CSS, JSON, JavaScript, jQuery, Typescript, CoffeeScript, VB.NET, VB6, VBA, Haskell, F#, Python, XML, XSD, XSLT, Node.JS, Vue.JS, AngularJS, Angular4/5/6/7, SignalR, Socket.IO, Spring Framework, Play! Framework, Hibernate, NHibernate, ASP.NET WebForms, Ajax Control Toolkit, ASP.NET MVC, EF, ASP.NET Core/Core 2, CLIPPER, VFP9, TASM, MASM, DirectX, OpenGL, R, LaTeX, PowerShell, Batch, Bash, YAML

Methodologies: SCRUM, Kanban, ScrumBan, OOA, OOD, TDD, DDD, Waterfall, V-Model, Agile, Prototyping, Pair Programming.

Databases: MS SQL, Sybase SQL, MySQL, MS Access, Visual FoxPro, DBase III, PostgreSQL, Informix, PHPMyAdmin, MySQLAdmin, MongoDB, Redis

Development Environments: Microsoft Visual Studio 6 – Microsoft Visual Studio .NET 2019, Eclipse, NetBeans, MonoDevelop, SharpDevelop, Microsoft Expression, Xamarin, Borland, DevExpress, VSCode, PyCharm, UltraEdit, Scintilla, Sublime Text, Notepad++, Atom, Android Studio, Vim, Vi

Platforms: Windows 3.1x, 9x, 2000, XP, Vista, 7, 8, 8.1, 10, Windows Server 2003, 2008, Linux (Ubuntu, Ubuntu Server 12, Debian, CentOS, Alpine), MS-DOS, Citrix, Azure, Azure DevOps, Azure Pipelines, WSL, AWS

Networks: Apache, DSL, IIS (Internet Information Server), ISDN, LAN, Ethernet, TCP/IP, UMTS, WLAN 802.11 a/b/c/g/n

Addition Knowledge: JUnit, UnitTest, Selenium, Silverlight, WCF, WPF, TFS (Team Foundation Server), MS Office (Word, Excel, PowerPoint, OneNote, Visio, Access, Publisher), MS Project, SVN, CVS, Git, UML, 3D Benchmark, NSIS, Log4Net, Tomcat, Putty SSH, Mantis, Adobe Photoshop, Adobe Illustrator, Adobe Premiere Pro, Adobe Acrobat, Paint.NET, Qlik, Tableau, Javadoc, Doxygen, OpenOffice, Webserver (WWW, HTML, HTTP, CGI, TCP/IP, ActiveX, FTP, NFS), OLAP, LDAP, OAuth, MVVM, MVC, Systemaufbau (CMS, CRM, DMS, ERP), Push Messages, RabbitMQ, ActiveMQ, Kafka, BiPro, REST, Docker, Kubernetes, Helm

Languages

German (fluent)

English (fluent)

Russian (native)

French (basics)

Project Overview

The following overview contains only a part of the projects. Some projects ran parallel or not consistently, smaller projects (especially consulting orders) are not included in this overview, as well as maintenance or change orders for already completed projects. References and proof can be provided on request, unless this is impossible due to confidentiality or other restrictions

Timespan	05.2017 – <now>
Agent	PriceWaterhouseCoopers
Customer	PriceWaterhouseCoopers
Project description	Helix Platform
Tasks	Development of the helix platform in the Microsoft Azure Cloud and other third-party systems, development of the helix website and the automated deployment / delivery system
	C#.NET 2017, MS SQL, Microsoft Azure, HTML5, CSS, AJAX, JavaScript, TypeScript, PowerShell, EF6, ASP.NET Core 2, ASP.NET MVC 6

Timespan	11.2015 – 03.2017
Agent	Robert Half
Customer	KUKA Industries

Project description	Software development of commercial IT
Tasks	Development of software for time recording, development of capacity analysis tools, reporting
	C#.NET 2015, VBA, WinForms, Infragistics, DevExpress, MS SQL, Informix, MySQL

Timespan	04.2015 – 11.2015
Agent	Hays AG
Customer	Kardex Software GmbH
Project description	Special Programming / Customizing
Tasks	Carrying out customer-specific adaptations of the basic software to specification, support and bug fixing of existing customer projects
	C#.NET 2010-2013, WinForms, Infragistics MS SQL, MS Access, WinDBG

Timespan	09.2014 – 11.2014
Agent	Grinin IT-Consulting
Customer	Grinin IT-Consulting
Project description	Development of the website http://sepa-generator.eu
Tasks	Backend: Development of the server interface, authentication, token management, PayPal connection, database connection
	Frontend: Complete
	C#.NET 2012, MVC4, ASP.NET, JavaScript, JQuery, HTML5, CSS, MS SQL, XML

Timespan	07.2014 – 09.2014
Agent	Various
Customer	Various
Project description	Development of various small projects, such as www.kunstvoll-bad-nauheim.com, www.li-dance.de, www.furandleather.eu …
Tasks	Adaptation, development, extension, modernization.
	PHP, JavaScript, JQuery, HTML5, CSS, AJAX, LESS, MySQL

Timespan	05.2014 – 07.2014
Agent	Grinin IT-Consulting
Customer	<Does not want to be named>

Project description	Development of a client-server architecture based on dynamically controlled ActiveMQ Queus with a central contracting authority
Tasks	Analysis and planning, creation of a prototype, integration of the prototype into an existing system, including testing Java, C#.NET 2010, ActiveMQ, NMS

Timespan	01.2014
Agent	Hays AG
Customer	sabris AG
Project description	Development of a portal for deliverers on the basis of a customer-specific API, including GUI development, database control.
Tasks	GUI development, interface connection C#.NET 2010, ASP.NET, JavaScript, AJAX, HTML, CSS

Timespan	07.2013 – 08.2013
Agent	Grinin IT-Consulting
Customer	LCI AG
Project description	Development of an automated strategy for a forex trading system via a custom API, including GUI development.
Tasks	GUI development, interfacing, translation of MQL algorithms to C # C#.NET 2010, MQL, Delphi

Timespan	05.2013 – 07.2013
Agent	Grinin IT-Consulting
Customer	<Does not want to be named>
Project description	Development of a customized XML editor for configuration files of Citrix systems.
Tasks	GUI development, XML validation routines C#.NET 2010, XML

Timespan	01.2013 – 05.2013
Agent	<Does not want to be named>
Customer	MLP
Project description	Online care supplement calculator Infrastructure and calculation routines
Tasks	Algorithms and Data Infrastructure C#.NET 2010, ASP.NET

Timespan	08.2012 – 01.2013
Agent	\<Does not want to be named\>
Customer	\<Does not want to be named\>
Project description	Conversion of technical data of a customer DB to the changes in relation to new legislation (unisex contributions for KV). DB with ~ 10mio records.
Tasks	VFP9, DBase III, Excel/VBA, Access/VBA, Batch, SyBase, CLIPPER 5.0, C#.NET 2010, XML

Timespan	05.2012 – 07.2012
Agent	\<Does not want to be named\>
Customer	\<Does not want to be named\>
Project description	Hybrid solution for online / offline operation of an existing online application
Tasks	On-demand hosting of an online application on a local in-exe web server + GUI for offline operation C#.NET 2010, ASP.NET, Mono-Webserver

Timespan	02.2011 – 04.2012
Autraggeber	\<Does not want to be named\>
Customer	\<Does not want to be named\>
Project description	Data transformation infrastructure between Visual FoxPro 9, Sybase, and Access
Tasks	Development of an infrastructure for flexible database conversion and conversion for the purpose of data transfer and delivery to various subscribers VFP9, Excel/VBA, Access/VBA, C#.NET 2010, VB6.0, Batch, SyBase

Timespan	04.2011 – 10.2011
Agent	\<Does not want to be named\>
Customer	Ino24, DITF, FinanceFinder
Project description	Integration of VVG web services

Tasks	Connecting a SOAP web service to different environments using different platforms
	PHP, Java (AXIS2)

Timespan	08.2010 – 07.2011
Agent	<Does not want to be named>
Customer	Various KV insurance companies
Project description	Integration of BiPro web services
Tasks	Connection of KV web services in an existing KV environment. The task area included the sighting, analysis, integration and testing
	C#, .NET 2010

Timespan	03.2010 – 07.2010
Customer	<Does not want to be named>
Project description	WebTree of a PDF database
Tasks	Develop a custom PDF database parsing mechanism and then render it in a Real-Time WebTree
	C#, .NET 2005/2008, XML

Timespan	07.2009 – 03.2010
Customer	GEWA-COMP GmbH
Project description	Porting a DOS maintenance system to xHarbour
Tasks	Converting an existing DOS maintenance system to the xHarbour system, rewriting components, porting DB access code
	Dbase III, C/C++, Clipper 5.0

Timespan	02.2008 – 06.2009
Agent	<Does not want to be named>
Customer	Various customers
Project description	Erstellung Infrastruktur für VVG
Tasks	Development of a complete infrastructure for capture, maintenance, import and transfer into an existing DB system of large user-defined data volumes
	C#, .NET 2005/2008, Excel/VBA, SyBase, Visual FoxPro, XML

Timespan	10.2007 – 03.2008
Agent	JWvG Universität FFM

Customer	JWvG Universität FFM
Project description	Flight Simulator
Tasks	Development of a complete open-source racing game including network mode
	C#, .NET 2005/2008, XNA

Timespan	04.2007 – 07.2007
Agent	JWvG Universität FFM
Customer	JWvG Universität FFM
Project description	KI für einen Agenten
Tasks	First place in the agent competition. Development of an AI for a web server based game.
	Java, Eclipse, XML

Timespan	01.2007 – 08.2010
Customer	Various
Project description	Various open source projects and own initiatives
Tasks	Div. noname projects and personal initiatives in the areas of desktop / graphic and web programming for the purpose of own practical experience and further education
	C#, .NET 2005, C/C++, Assembler, VB6.0, Java, VBA, Access, PHP