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**Senior software developer**

**Contact information**

Address: Katharina Str 71,

Rotenburg ab der Tauber 63450

Email: \*\*\*\*\*\*\*\*\*\*\*\*\*\*

Skype: \*\*\*\*\*\*\*\*

Mobile: \*\*\*\*\*\*\*

**Technical Skills:**

* **API, technologies***:* NET Framework, ASP.NET/WebForms/MVC/WebApi, Sharepoint 2010/2013/Office 365, AJAX, jQuery, Knockout, Angular, Bootstrap, VSTO, ADO.NET, LINQ 2 SQL, Dapper, Entity Framework, BLToolkit, WCF, TPL, WPF/Silverlight/XAML, WinRT XAML Toolkit, MVVMCross, Xamarin.Forms, Autofac, Automapper, Spring, MS Unity, NLog/NUnit, Amazon AWS API, Azure API, Regular expressions, Web Services, Win32 API, DevExpress, Telerik, ComponentArt, FarPoint, XML/XSLT/XSD/XPath, RabbitMQ.
* **Languages*:*** C#, VB.NET, VBScript, CAML, PowerShell, T-SQL, DHTML, C++, JavaScript, TypeScript.
* **Methodologies***:* OOP/OOD, TDD, Design Patterns, SOLID, Scrum/Agile.
* **Tools, IDEs, services***:* Visual Studio, NUnit, SoapUI, WiX, TFS, SVN, GIT, SSIS, SSRS, VMWare, Oracle VirtualBox, CloudShare, Github, Dbeaver, Postman, Fiddler, ILSPY.
* **DBMS***:* MS SQL Server 2000/2014/2016, SQLite, MySQL, MongoDB, Informix, IBM Netezza

**Professional background**

**01.2018 - AAAAA, Senior Software Developer**

* Created portal for orders search by convoluted criteria with complicated GUI based on a mix of jQuery UI and Knockout.
* Redesigned report generation
* Added custom search engine to support search both in MSSQL and in Netezza. implemented MSSQL part of the application with EF 6.
* Implemented ETL application for importing very big (up to 20GB) XML files based on XSLT, then ported the app to pure streaming reading resulting in RAM consumption reduced drastically.
* Implemented virtual PDF printer based on a .NET wrapper on Ghostscript. Printer setup with WiX Toolkit.
* Ported part of Winforms applications to a bundle of ASPNET MVC, jQuery and Knockout.
* Transferred JavaScript to TypeScript with intention to continue development on WebAPI + Angular 2.
* Performed SQL queries review and DB optimizations on Informix and MSSQL 2014
* *Environment and technologies: C#, LINQ, Entity Framework, JSON, XML, Javascript, jQuery UI, Knockout, Angular 2, Bootstrap, SoapUI, SVN, SQL Server 2014/2016, PowerShell, WiX Setup toolkit, TypeScript, Dbeaver, Netezza, Postman, Fiddler.*

**02.2017 –** **01.2018 – BBBBBBB****, Senior Software Developer**

Prototype of workflow portal based on Sharepoint 2013

* Worked out necessary content types, lists and sites;
* Implemented custom pages with server–side and JavaScript-based logic;
* Adopted open source lookup solution for several fields in the lists;
* Prepared workflow along with archiving timer jobs;
* Elaborated the process of deployment with PowerShell scripts and dedicated VMWare machines.
* *Environment and technologies: C#, LINQ, XML,* *jQuery UI,* *jQuery SPService,* *Sharepoint JSOM/SSOM,* *Bootstrap,* *SoapUI, GIT, SQL Server 2014,* *PowerShell*

Surgery inventory management software

* Developed the core application infrastructure C#/WPF/XAML/.NET/MVVM/Unity
* Developed all the XAML visual styles, control templates, custom controls and visual assets.
* Designed WPF Forms, Custom Controls and User Controls using XAML language for interactive UI.
* Created database model for application’s server and DTO components with active usage of Automapper and MS Unity for dependency injection.
* Designed part of UI with DevExpress WPF controls.
* Wrote UI concept application for Android platform on Xamarin.Forms.
* Implemented module for working with Cognex Barcode reader via Cognex API.
* Actively participated in the Logical and Physical Database Design including creation of tables, Views, Stored Procedure-SQL and optimization for SQL statements in SQL server 2014
* Created reports using DevExpress reporting controls
* Worked with the business stakeholders for the application, provided technical insight to business analysts to complete the application functional specification
* *Environment and technologies:* *C#,* *WCF,* *WPF /XAML,* *LINQ,* *TPL,* *XML,* *DexExpress WPF,* *MS Unity,* *Automapper,* *NLog,* *DevExpress XPO, Xamarim.Forms,* *SoapUI,* *GIT,* *SQLite,* *SQL Server 2014,* *Cognex API*

**03.2016 – 02.2017 – CCCCC, Senior Software Developer (contract position)**

IT inventory management software (<http://www.cccccc.com/>)

* Created web interface for managing Amazon AWS and Azure virtual machines responsible for visualization of IT infrastructure. The application was implemented as ASPNET MVC + Knockout + Bootstrap on UI side and WebAPI + Dapper on server side. Long-running requests (such as AWS machine creation) were initially implemented on TPL and later transferred to RabbitMQ. RabbitMQ was also used for keeping process of importing AutoCAD DWG files with infrastructure plans. As an experimental step Selenium was used for testing UI.
* Implemented interaction with MongoDB for reading DWG parts
* *Environment and technologies: C#, WCF, WPF /XAML, LINQ, TPL, XML, RabbitMQ MS Azure API, Amazon AWS API, JSON, Spring, Automapper, Dapper, DWG, MongoDB, NLog, Entity Framework, JavaScript, Bootstrap, Knockout, SoapUI, GIT*

Intranet portal for document workflow system DDDDDDD (<http://www.ddddddd.ru/>)

* Developed custom ASPNET Webforms controls for Sharepoint 2013-based portal (custom tree pickers, multicolumn dropdowns, paged lists etc.).
* Adopted Sharepoint Javascript with jQuery, jQuery UI and Bootstrap for UI.
* Designed standalone ASPNET SPA MVC application based on Angular 2
* *Environment: C#, Sharepoint Client Object Model, Sharepoint JS Object Model, LINQ, XML, SQL Server 2014, jQuery, Angular 2, GIT, JSON, OpenXML SDK, CAML, CamLEX.NET, CloudShare*

**01.2014 – 02.2016.** **EEEEEEEEE (contract position), Software Developer in Mobile Applications**

* Ported from WAP to WinPhone 8 draft version of mobile bank client application (MFM) for US-based credit unions (the final app is available at \*\*\*\*\*\*\*\*\*\*\*\*\*).
* Implemented current UI partially on Xamarin
* Developed some Selenium –based tests for the application
* Utilized Dapper to access tables, stored procedures on SQL Server 2012.
* Built parts of application in ASP.NET MVC and mobile application in Xamarin.
* Developed various custom behaviors for prototype as well as used ComponentOne controls to present results in rich format.
* Data exposed via REST services (JSON format) using Web API.
* Created encrypted log viewer for monitoring middleware operations on ASPNET MVC + Bootstrap
* *Environment and technologies:* *C#,* *WCF/WebAPI/REST,* *WPF/Silverlight/XAML,Xamarin,* *LINQ,* *TPL,* *XML,* *OFX,* *JSON,* *Autofac,* *MS Unity,* *Automapper,* *NLog, WinPhone SDK, WinRT XAML Toolkit, MVVMCross, SoapUI, GIT*

**10.2011 –04.2015 – DDDDDDD, Senior Software Developer/Portal solutions consultant**

* Designed, implemented and deployed first version of intranet document workflow project based on MS Sharepoint 2013 for DDDD - beverages manufacturer in RRRRR, a member of XXXXXX. Tasks accomplished at the project:
* Creation of custom user controls-data pickers based on AJAX and jQuery for overcoming limitations existing in standard Sharepoint's UI controls (no way to do postback event handlers, loss of content during browser refresh etc).
* Creation of custom content types via PowerShell on production servers.
* Preparation of WCF RIA services hosted in Sharepoint and used in custom ASPX pages via JSON.
* Implementation of custom Business Data Connected (BDC) data types for interaction with ERP systems including, but not limited to MS Dynamics.
* Development of custom Silverlight control hosted in Sharepoint for enhancing user experince in choosing domain users and groups from Active Directory.
* Redesign of already existing event receivers attached to several document libraries in Sharepoint.
* Resolution of performance issues in Sharepoint's DB at MS SQL 2012.
* *Environment: C#, Sharepoint Client Object Model, Sharepoint Server Object Model, Silverlight, WPF, WCF, LINQ, XML, SQL Server 2008, jQuery, SVN, JSON, AJAX, OpenXML SDK, CAML, CamLEX.NET*

2004-20011: Senior Software Developer, Senior .NET Applications Developer, Senior Scientific Applications Developer

Detailed information on projects is available upon request.

**Freelance experience**

<http://www.dddddd1.com>

PCI-DSS security and compliance related services through an online SaaS based portal. Was made on ASP.NET, MS Ajax Control Toolkit, MS SQL 2008, LINQ and custom membership providers. Aside from that, Regular expressions-based robots on cURL were used for interacting with scanning services and PDF reports generation.

<http://llll2222.com>

Development & support of new Sharepoint 2010 and 2013 application for permissions management for Site Owners & Site Collection Administrators.

<http://ccccc3.com>

Web site for real estate publisher in New York City. Was written with ASP.NET and MS SQL 2008. Statistical information and offers to database were retrieved from other sites via Web Services.

<http://kkkkk4.ru>

Intranet portal for Moscow deputy of DHL. Was implemented as ASPNET MVC + jQuery + Spring IoC. DB server - MS SQL 2008 + many SSIS packages

<http://uuuuuuuuu.se/FastightesObjektsLista.aspx>

Office rental in Stockholm. Site was developed with ASP.NET, user controls, master pages and a lot of LINQ. MS SQL Server 2008 was used as a database backend. Also, application uses Web Services for getting information from partners' sites.

<http://www.llllllll.com>

Site for Private Tutor search based on subject and ZIP code area. The project was implemented with ASP.NET 3.5 and MSSQL 2008.

<http://www.bbbbbbbbb.ru>

Designed units for retrieving data from partners’ databases or from their sites. Application was done with .NET 3.5, XML/XSLT, Web Services and a lot of Regular Expression. Technologies used: IIS 6, .NET 3.5, XML, Web Services, NUnit, NLog, C#

Development of VSTO plugin for Outlook 2007/2010. Plugin was designed as a replacement of distributed calendar with online/offline work modes and automatic synchronization upon establishing Internet connection. The codebase was mainly in VB.NET, DB backend in the plugin was implemented on SQLite and DB for online mode was supported by MySQL. ORM framework – BLToolkit.

**Education:**

Russian State Aircraft Technological University, Radioelectronics Design faculty, Master in Electronics Engineering

**Personal information**

**Languages:**

English: fluent

German: basic

Russian: native speaker

**Key skills**

Analytical thinking, able to work in a team and individually, effective communicator, problem solving, creativity, time management, attention to detail, patience, curiosity, ability to analyze complex technical information, utilizing multiple programming languages, research, project management, ability to work under stress, strong oral and written communication, write clear and detailed technical specifications and documentation,

**Hobbies:**

Big tennis, bicycle trips, traveling.