Ivan Gusev
Last Name

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My objective is to develop high-quality software using modern technologies and tools in a stable company as part of a good team.

Skills

- Development of server-side products for Windows OS, mostly using C# language and ADO.Net/TSQL, LINQ, Task Parallel Library, WCF, P/Invoke, Windows Services, Windows Installer
- Development of web interfaces for services using ASP.Net, HTML/SVG/CSS/JavaScript and SharePoint
- Development of rich client applications using WPF, Windows Forms, GDI+, Silverlight and AvaloniaUI
- Cloud: Azure Web and Worker Roles, Azure SQL, Azure Storage (tables, BLOBs and queues), Azure AD, Microsoft Graph API
- Containers: Docker and Kubernetes (AKS)
- Platforms: SharePoint and Office365 (SharePoint server-side and client-side API, Microsoft Graph API, Protocol Handler unmanaged API)
- File formats: a wealth of experience working with various document formats including OpenXML/DrawingML, PDF/PostScript, MSG, EML, RTF and other
- Experience in unmanaged runtimes, such as C++ and COM
- Tools:
  - Microsoft Visual Studio
  - Version control: SVN, TFS, Git
  - Unit testing: NUnit, MSTest, QUnit, Chutzpah, RhinoMocks, NSubstitute, Microsoft Fakes
  - Continuous integration: MSBuild, Azure DevOps
  - Teamwork: Azure DevOps, Office365, Microsoft SharePoint
  - Other: NuGet (including creation of custom packages), Unity DI, WiX
- Understanding of principles of object-oriented programming, design patterns, SOLID, dependency injection, parallel and distributed systems
- Certificates:
  - Microsoft Certified Solutions Associate: Web Applications (Jan 21, 2020)
  - Microsoft Certified Solutions Developer: App Builder (Jan 21, 2020)
- Have been working in international and distributed team
- Fluent English

Experience

2022
Software Developer / GeoIsol

https://www.bainsight.com

- [2022]
  Development of prototype of geotechnical calculation program.
  Technologies used: .NET6, AvaloniaUI, Fortran, C, Python.

2005 – 2022
Software Developer / BA Insight

https://www.bainsight.com

I was one of the first developers when the company was very small.

- [2021 – 2022]
  Added support of containerization to one of the key BA Insight Products: Smart Previews – a distributed application with ability to run some of its components in Microsoft IIS, SharePoint or Azure. This work included advanced usage of Docker containers (such as running full Windows inside a container, working with GDI+, exposing and securing integration and administration endpoints etc.), a lot of automation and testing.
  Technologies used: Docker, Azure Kubernetes Services (AKS), PowerShell

- [2020 – 2021]
  Extended storage capabilities of one of the key BA Insight Product: Smart Previews. Added an option to keep data in Azure storage (tables and BLOBs), in addition to SQL Server. This work included design of the storage (turn SQL into distributed NoSQL) as well as implementation.

- [2019 – 2020]
  Implemented Microsoft Search Target for BA Insight Connectivity Hub. This plug-in extends Connectivity Hub to index arbitrary content to Microsoft Search.

  Implemented Microsoft Teams Connector. This product provides a way to index content from Microsoft Teams (messages, attachments etc.) via BA Insight Connectivity Hub.

- [2017 – 2019]
  Participated in development of BA Insight Connectivity Hub product (as one of key developers). The product was a complete rewrite of a previous version, which was tied to SharePoint on-premises. Our team turned that SharePoint plug-in into a distributed application with clean protocols, reach UI and scalable storage.

- [2016 – 2017]
  Participated in development of Auto Classifier product, which extends Managed Metadata feature available in SharePoint, and allows to finetune relevance of a taxonomy term for a given document via custom full-text queries and custom scripts, as well as visually test the results of the classification.
  Technologies used: .Net/C#, JavaScript (DoJo, JQuery, QUnit), SQL Server, SharePoint, Lucene.Net

- [2016]
  Participated in development of Smart Analytics product (similar to Google Analytics).
  Technologies used: .Net/C#, JavaScript, SharePoint, SharePoint Online, Elasticsearch, Kibana

- [2011 – 2016]
  Participated in development of BA Insight Content Connectivity, which allows to index data from various content sources (EMC Documentum, Microsoft Exchange, SalesForce, HP Trim, LiveLink, eRoom etc.) to SharePoint Search, as well as to transform/enrich that data (support of security, including multilevel security, data transformation using client scripts etc.) The product was designed to work well with huge amount of data (millions of documents).

- [2009 – 2011]
  Developed document preview UI for Longitude Search "from scratch" using Microsoft Silverlight/MVVM and WPF

- [2005 – 2009]
  Participated in development of Longitude Search product, which extends search capabilities of Microsoft SharePoint (quick document preview, search refinements, save search queries and alert about new search results, etc.).
  Techologies used: ASP.Net, Windows Services, multithreading, SQL Server/Thunderstone Texis, HTML/SVG, SharePoint

2016 – NOW
Software Developer / TopTal

https://www.toptal.com

I have never worked full time here, but sometimes I take small projects as a consultant.

2003 – 2005
Software Developer / PiterSoft Ltd.

- Software development in .Net using ASP.Net, SQL Server
- Development of a CRM system using .Net, Windows Forms, SQL Server, MAPI

Education

2000 – 2008
Saint-Petersburg State University, Department of Applied Math and Control Processes

Specialty "Applied Math & Informatics". Post-graduated but not PhD (field: numeric methods in particle acceleration systems)

1997 – 2000
Phys-Math Lycee №30, St.-Petersburg, Russia

Programmed 3D computer graphics in C those days.

Activities

I have a wife and 3 children (two sons and one lovely daughter). I love kayaking, mountain biking and all kinds of skiing.