



Alex  
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SOFTWARE ENGINEER



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[www.alexPi.ca](http://www.alexPi.ca)

## SKILLS

10 / 10

NET, C#

10 / 10

WPF, XAML

9 / 10

MS SQL

8 / 10

Azure

6 / 10

Angular

## EDUCATION

MCSD, MCPS

Microsoft Official Curriculum courses

Development advanced classes

2000 - 2002

Master of Science in Quantum

Radiophysics and Electronics

University of Kiev, UA

## ABOUT ME

*Technology enthusiast and  
passionate full stack  
software developer...*

...offers 20+ year experience with the entire software development life cycle delivering intuitive and engaging UI designs with productive and effortless UX (sampled at [www.alexPi.ca](http://www.alexPi.ca)).

## EXPERIENCE HIGHLIGHTS



Iress

2019/11 – 2020/11

- With surgical precision, worked on maintaining, fixing bugs, and enhancing the design of the company's flagship application – **Iress Pro**.
- Developed a headless back-end as well as feature-rich UI applications to manage data streams between Iress and external clients efficiently.

Skills: React, .NET Core, .NET 5.0, MS SQL, WPF, WCF, C#.



Nymi

2016/11 - 2019/02

Prototyped, implemented and brought to production multiple apps (WPF, UWP, Web MVC and Angular, PWA, etc.) and services (RESTful Web API) for managing all aspects of the company's unique always-on-authentication devices.

- Responsible for C# .NET application development for the Windows platform in the predominantly embedded C/C++ shop.
- Pioneered Windows-10 style best practices for UI/UX to overcome the "battleship grey" complacency for the critical client-facing apps.
- Designed and implemented efficient cross-platform (managed C# to unmanaged C/C++) communication schemes.





























BMO

2014/02 - 2015/12

Took a dev-lead role on a green-field Obligor Linking Project (OLP), where I:

- Designed and implemented rich-client and web apps for various business tasks around the OLP processes: from lightning-fast user datalink console to a multi-stream data acquisition tool with visually intuitive orchestration front.
- Innovatively utilized DNA sequencing algorithms - *Levenshtein Distance* and *Jaccard Similarity Coefficient* - leading to an 85% decrease in manual tasks.
- Added a WCF REST service layer for the OLP's distributed apps' needs.
- Prototyped an MVC web app for a quick processing of To-do lists in the approval workflow spread across multiple departments.
- Designed a custom reporting system to share key daily DAQ run indicators with relevant stakeholders via internal email and web-client pathways.

# EXPERIENCE – CHRONO

	RBC CM	2022/12 - 2023-11
	CI Financial	2021/01 - 2022-10
	Iress	2019/11 - 2020-11
	RBC	2019/04 - 2019/07
	Nymi	2016/11 - 2019/02
	Sciex	2016/03 - 2016/11
	BMO	2014/02 - 2015/12
	mobileLIVE - EmergiTEL Group	2013/10 - 2013/12
	Livingston International	2013/02 - 2013/09
	Citi	2012/10 - 2012/12
	Global Financial	2011/11 - 2012/08
	Toromont	2010/06 - 2011/11
	CWB Group	2009/10 - 2010/05
	Green Shield Canada	2008/12 - 2009/08
	Toromont	2008/02 - 2008/11
	Systemgroup Consulting Inc.	2007/02 - 2008/01
	Direct Energy	2006/09 - 2007/02
	Magna International	2005/11 - 2006/07
	Thoughtcorp	2005/04 - 2005/10
	Arbor	2004/08 - 2005/04
	BMO	2003/04 - 2004/07
	CSG	2003/02 - 2003/04
	Arbor	2002/03 - 2003/01
	Cetaris	1995/05 - 2002/02
	CIBC	1996/12 - 1997/05
	USSR Academy of Sciences	1987/06 - 1992/05



For more details, please refer to [linkedin.com/in/alexpigida](https://www.linkedin.com/in/alexpigida) and/or a longer version of my resume.



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## EDUCATION

### Microsoft Official Curriculum courses

Microsoft Certified Professional (MCPS)

2000 - 2001

### Developmentor advanced classes

Microsoft Certified Solution Developer (MCSD), *Visual C++ and SQL Server tracks*

2001 - 2002

### Taras Shevchenko National University of Kyiv, UA

Master of Science in Quantum Radiophysics and Electronics

## TECHNOLOGIES MASTERED

.NET, UWP, WPF, Blazor, Silverlight, Angular, MVVM, ASP.NET, MVC, C#, XAML, T-SQL, Windows Workflow Foundation, Microsoft Visual Studio, WCF, Web Services, RIA Services, WinForms, WebForms, Entity Framework, ORM, NHibernate, jQuery, JSON, AJAX, HTML, CSS, JS, Microsoft Virtual Earth, Google Earth, C/C++, PL SQL, DTS, ADO.NET, IIS, VB.NET, VB6, UML, Visio, SharePoint, RAD of multi-tier applications, XML, SOAP, WSDL, Win32, ATL, MFC, VBScript, JavaScript, COM/DCOM, COM+, MTS, HTML, DHTML, SOA, OOP, ODBC, Oracle, MS Access, MS SQL, SSMS, SSRS, SSIS, PowerShell, Crystal Reports, MS Office Automation, Git, Visual Source Safe (VSS), Team Foundation Server (TFS), SVN, JIRA, Bitbucket, Windows Service, Azure, SQLite, MongoDB.