

Wayne Murphy

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Summary

- Results-oriented leader with extensive hands-on experience acquired within top-tier organizations
- Solid background in analyzing businesses' systems and requirements through collaboration with executive management, internal users and clients
- Ability to assess software and systems' capabilities and weaknesses
- Proven track record of working on complex projects, and delivering cost effective and realistic applications
- Experienced working in fast-paced environments demanding strong organizational, technical and interpersonal skills
- High degree of integrity and dedication

Skill and Technology Highlights

- .NET 4.x, .Net Core
- C#, C++, C
- HTML 5, CSS 3
- ASP.Net, ASP.Net Core
- JavaScript, Bootstrap, JQuery, learning Angular
- Java SE 8
- XML
- SQL Server, TSQL, SProcs
- SQLite, LinqPad
- Agile, SAFe, Scrum, Kanban
- SDLC
- UML, RUP
- SVN, Git, Team Foundation Server (TFS)
- WinForms
- WCF Web Services
- Xamarin
- Class, Architecture, & UI design
- Code and Design Reviews
- Architectural and Dev documents
- Unit testing
- Design Patterns and Principles
- Entity Framework
- IIS, MSMQ
- MS Project
- HL7

Professional Experience

TransUnion Canada | Burlington, ON

Contract Developer

June 2018 – Apr 2019

[C++, Java, C#, ASP, Linux]

- Working with a team implementing a new module for an Enterprise Scoring Framework
- Originally hired to do a C# project, but when my part of the project was postponed, and they needed a C++ dev, I offered my help
- The first deliverable was in C++ parsing out an incoming message and populating in-memory tables
- The next deliverable was a Java utility that would read JSON files and populate templates to create test files against the code classes being migrated. The utility would create the test file, launch Maven and collect the results.
- C# was used to create the JSON files, the data coming from various sources: Excel files, delimited files with test data, and other misc. text files

Santander Consumer USA | Burlington, ON (WFH)

Application Architect

2013 – 2018

[.NET 4.x, C#, SQL Server, Stored Procs, XML, WinForms, WPF, WCF Web services, Class Design, UI Design, logic design, data design, Unit and Integration Testing, Mock Testing, Architecture Documentation TortoiseSVN, git, TFS, Agile, SAFe, Excel]

- Co-developed a loan decision-making system that is faster, more versatile, and leaves a smaller footprint than the previous system.
- Created POC for a call centre application. A WPF app that used MEF to discover assemblies appropriate to target business unit (e.g. loading appropriate views and business logic)
- Created base library for unit testing so a lot of infrastructure checks are automatically performed
- Defined and enforced standards for the application developers in the organization.
- Wrote document for unit testing methodology
- Wrote template for the user story's architectural design
- Wrote utility to validate database schema to ensure adhered to standards
- Reviewed designs and code of application developers to ensure they met company standards, and evaluated how different components interacted and could be leveraged
- Assisted in special projects where needed
- Helped troubleshoot when issues arose, assisting and mentoring junior developers. Was point of contact for some technical issues

Manta Test Systems | Mississauga, ON

Analyst/Developer (Contract)

2010-2013

[C# 4.0, .NET, WinForms, SQLite, XML, FTP, Object design, UI Design, logic design, unit testing, mock testing, data design, requirement analysis, Tortoise-CVS]

- Identified and corrected weaknesses in the existing reporting product, which resulted in major performance improvements and cleaner code.
- Replaced a faulty third-party FTP library with built-in .NET functionality, resulting in more reliability with a smaller installed footprint.
- Redesigned a report designer for custom reports, which improved stability and performance.
- Created a mechanism for entering user data that allowed custom data to be imported, exported and reported.
- Created database layer to reduce code duplication and allow cleaner, faster queries with less security risks.
- Created new business objects to allow for better code reuse.
- Modified application and install scripts to allow for x64 builds.
- Create prototype for the next generation Rapid-Test product; helped define terms and functionality.

Christie Digital | Kitchener ON

Developer (Contract)

2009-2010

[C# 2.0, .NET, WinForms, XML, TFS, unit testing, mock testing, UI Design, logic design, requirement analysis, Embedded XP]

- Joined the Entertainment Solutions team to develop a user-friendly UI for their digital projectors. Utilized their multi-threaded event and real-time messaging system.
- Adapted to their agile-like methodology and met my goals as planned.
- Created functionality for gathering sensor data from the projector hardware and presented that to the projector operator.
- Created an on-screen keyboard to meet the unique requirements of the project.
- Ensured that the code met certain standards, which allowed the product to be internationalized.

- Designed and implemented a utility that imported and exported the UI text between the .resx (UI XML) files and a spreadsheet so third party translators could translate the text.
- Worked with QA and the documentation department to ensure their software standards were met
- Abstracted our UI controls so we could use a third party library as well as resolve issues in the library, which allowed for a consistent look and feel across our product.

Opalis | Mississauga ON

Developer (Contract)

2007-2008

[C# 2.0, C++, XML, .NET, ATL, COM, Web services, unit testing, logic design, mock testing, requirement analysis, Agile]

- Reworked their old modules in order to use their new SDK in .Net. Analyzed requirements based on discussions with product manager, and reviewed bug and wish list logs
- Fixed and improved other modules as required (C++ and C#).
- Resolved issues on their CA Service Desk Integration with ITIL methodology.

B. Keeven Music| Burlington ON

Analyst/Developer (contract)

2007

[C# 2.0, XML, WinForms, class design, UI design, logic design, data design requirement analysis]

- Analyzed what the teacher was trying to teach his students so the software could facilitate the learning.
- Built a multi-tier C# 2.0 application, which included a pitch recognition module, and staff and note music control.
- Created a generic question engine that asked questions and kept score. The quiz data was kept in a schema that was stored in encrypted XML.

Z-Tech Inc | Toronto ON

Developer (Contract)

2007

[C# 2.0, WinForms, XML, Tortoise-CVS, UI design]

- Created the front-end UI that interacted with specialized USB hardware.
- Built a highly customized Windows application with lots of custom GDI drawing; building, and consuming User Controls.
- Designed and created functionality for a user list, program options, and field customization settings. The settings were stored in XML files.

ABELSoft | Burlington ON

Analyst/Developer (Contract)

2005-2007

[MS Access, ADO.Net, C# 1.1, C++, C, VB6, MFC, COM, UI design, logic design, requirement analysis, data design, SQL Server 2000+2005, QuickBooks]

- Designed and executed several competitive data conversions and data analysis projects.
- Enhanced the scheduler for bigger capacity; cleaned up logic and data layers.
- Resolved issues with a VB project to export financials to QuickBooks and Simply Accounting.

T4G | Toronto ON

Developer (Contract)

2005

[C# 1.1, SQL Server, IIS6]

- Did C# work for running Stored Procedures to load and save data for an online catalogue web-site

Knowledge4You | Toronto ON

Business Analyst (Contract)

2005

[MS Word, UML, Agile, requirement analysis]

- Built an RFP Response template, which included sections on Business Intelligence, Data Warehousing, Project Methodology and the SDLC.
- Sub-contracted out to the Ontario Government: Office of the Public Guardian and Trustee where I: evaluated current needs based on the old system and user discussions, created UML documents to capture requirements, and kept track of features and requirements.

Ivara | Burlington ON

Developer (Contract)

2004

[C# 1.1, C++, Oracle, SQL Server 2000, VB6, MIMOSA]

- Defined solutions to migrate data between systems, and implemented interfaces in C#, VB and C++.
- Created a client web-service, which communicated indicator readings with a MIMOSA server via an ODC request.
- Took the initiative to create a code-generator (in C#) that allowed new hires to understand the object hierarchy in the database and to learn how to query joins and iterate those objects.

Siebel Systems | Toronto ON

Senior Software Development Manager – Hospitality Industry

2002–2003

Software Development Manager – Institutional Finance

2001–2002

Development Manager – Server Systems (Janna)

2000–2001

[MS Project, Excel, C++, Rational ClearCase, COM, IBM DB2, Oracle, Siebel Tools, SQL Server 2000, VB6, RUP, SDLC, requirement analysis, data design, logic design]

- Helped create new application for Hospitality Function Booking Reservation System. Our team received a patent for a function space booking engine.
- Lead a team of developers (15 FTE developers, 2 contractors, 3 remote). Made sure they followed design, implementation and testing guidelines.
- Oversaw version control processes.
- Liaised with Product Managers for requirements documents, and QA team for testing documents and requirements.
- Acted as the Project Management for my team projects.
- Had a major role in triaging incoming issues, working with other teams to learn history, ownership, and priority of issues. Managed resources and deadlines at the end of product testing.
- Heavily involved in interviewing new recruits during hiring booms.

ABELSoft | Burlington ON

Software Development Manager

1995- 2000

Software Lead Developer

1990–1995

Software Junior Developer

1987–1990

[C++, C, COM, Access, DOS, ISAM database, SCO Xenix, Windows, MFC, HL7, Unix scripting, MS Project, Excel, Rational Rose, RUP, code review, UI design, object design, requirement analysis, data design, logic design]

- Designed and developed many modules in the application: patient and doctor data, scheduling, billing, and reporting.
- Managed team, project scope and release planning.

Education

- **Diploma: Computer Science and Technology Diploma**, Sheridan College of Applied Arts and Technology

Professional Development

- Meetup groups: Silicon Halton and Software Hamilton
- SharePoint Code Camp
- Rapid Software Testing
- Siebel 7 Core Consultant
- Consulting as a Career Option
- PluralSight courses on web-development and other aspects of software
- Stephen Covey courses
- Rational Unified Process
- Project Planning
- Microsoft Project Users Group
- Toronto .Net and Canada's Technology Triangle Users Group

Volunteer Work

- Webmaster for the Burlington Historical Society (using WordPress)