

## Summary

- Roles varying from Developer, Dev Lead, Analyst, Project Manager, Senior Dev Manager, Application Architect
- Results-oriented developer with extensive experience capable of rolling up sleeves to help out
- Solid background in analyzing businesses' systems and requirements through collaboration with executive management, internal users and clients
- Have lead teams, and projects. Have defined scope, and policies/procedures/guidelines
- High degree of integrity and dedication
- Have been involved with Agile team at numerous companies
- Strong believer of unit-tests

## Professional Experience

### **OpenText (Information Management). Waterloo, ON. WFH. 2022.04-2022.11**

**Contract Developer** *C#, .Net 4.8, C++ 11, ServiceNow, JavaScript, SqlServer, Postman, TFS, Teams, ALM*

- Involved with Pegasus project for License Entitlement management – migration to ServiceNow implementation
- Modified C# and C++ code to get data from ServiceNow web methods
- Made C# code more modular, reducing duplication
- Created unit tests to validate implementation
- Helped with JavaScript methods in ServiceNow that my code called

### **Sciex (Mass Spectrometry). Concord, ON. WFH. 2020.09-2022.03**

**Contract Developer** *C#, .Net 4.7, WPF, git, Teams, Agile, Jira, FIT, SQLite*

- Worked with various teams: Data Services, Echo injection system, Sustaining (for issue investigations)
- Learned about many parts of the system when investigating customer incidents and other issues+features
- Focused on server-side code, a lot related to how "wiff" data providers

### **TransUnion Canada (Credit Rating provider). Burlington, ON. WFH. 2018.06-2019.12**

**Contract Developer** *C++, Java, C#, ASP, Eclipse, Linux, JSON*

- Worked with team implementing C++ Canadian plug-in modules for a new credit-scoring engine ("Enterprise Scoring Framework")
- Created 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 JSON files, reading in data coming from various sources: Excel files, delimited files with test data, and other misc. text files

### **Santander Consumer USA (Auto loan and financing). WFH. 2013.07-2018.03**

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

- Co-developed a loan decision-making component that is faster, more versatile, and 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
- Reviewed designs and code of application developers to ensure they met company standards, and evaluated how different components interacted and could be leveraged

**Manta Test Systems (Electrical power distribution testing equipment). Mississauga, ON 2010-2013**

**Contract Analyst / Developer** *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.
- Redesigned a report designer for custom reports, which improved stability and performance.
- 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.
- Create prototype for the next generation Rapid-Test product; helped define terms and functionality

**Christie Digital (Design movie theatre projectors). Kitchener ON 2009-2010**

**Contract Developer** *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.
- 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. Created a utility to facilitate translation

**Opalis (Software package integration). Mississauga ON 2007-2008**

**Contract Developer** *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 (Music teaching). Burlington ON 2007**

**Contract Analyst / Developer** *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.

**Z-Tech Inc (Breast cancer detection system). Toronto ON 2007**

**Contract Developer** *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.

**ABELSoft (Medical/Dental office software). Burlington ON 2005-2007**

**Contract Analyst / Developer** *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 (consulting). Toronto ON 2005**

**Contract Developer** *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 (consulting). Toronto ON****2005****Contract Business Analyst** *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 (Equipment maintenance management). Burlington ON****2004****Contract Developer** *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.

**Siebel Systems (CRM). Toronto ON****2000-2003****Sr Dev Manager – Hospitality Industry** *MS Project, Excel, C++, Rational ClearCase, COM, IBM DB2, Oracle, Siebel Tools, SQL Server 2000, VB6, RUP, SDLC, requirement analysis, data design, logic design***Dev Manager – Institutional Finance****Dev Manager – Server Systems (Janna)**

- 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.
- 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 (Medical/Dental office software). Burlington ON****1987-2000****Development Manager** *C++, C, COM, Access, DOS, ISAM database, SCO Xenix, Windows, MFC, HL7, Unix scripting,***Lead Developer** *MS Project, Excel, Rational Rose, RUP, code review, UI design, object design, requirement***Junior Developer** *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**

- Pluralsight & LinkedIn courses
- Meetup groups: Silicon Halton, Software Hamilton, & more
- SharePoint Code Camp
- Rapid Software Testing
- Consulting as a Career Option
- Stephen Covey courses
- Project Planning
- .Net user groups in GTA

## Volunteer Work

- Webmaster for the Burlington Historical Society (using WordPress)
- Currently helping my wife foster kittens
- Also learning some Python so I can help my son with his high-school homework