WAYNE MURPHY

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PROFESSIONAL SUMMARY

Multi-faceted Software Developer knowledgeable in various languages. True team player offering decades of experience in software development.

SKILLS

- **Expert Problem Solving**

- **Data analysis**

- **C#**

- **C++ (including C++23)**

- **Linux**

- **SQL**

- **Relation databases**

- **Team collaboration**

- **Code and design reviews**

WORK EXPERIENCE

05/2023 to 06/2024 **Senior Developer**

Magnet Forensics – Remote
- On the Mobile Artifacts team, analyzed phone data for extraction.
- Used C# with Net 4.8, Git, Azure, and Jira.
- Volunteered to run Tech-debt meetings to triage tickets for the group to review and promote internal changes so they could be more productive
- Analyzed data for importing
- Created unit tests and black-box tests to validate the implementation
- Investigated several iOS and Android apps to understand their internal data structures
- Worked with others on the Mobile-View project to interrogate the mobile device and have the apps appear as they might on the phone
- Created framework with async code to improve processing time
- Was senior .net developer; helped others on the team as well as worked on own tickets

06/2018 to 11/2022	**Senior Software Developer**

(various Contracts) – GTA, ON

- In health sciences, and financial sectors.
- Used C# with Net 4.8. C++ 11, along with some JavaScript & Java.
- At OpenText, significantly modified C# code to reduce duplication and added better error handling, when dealing with ServiceNow methods
- Offered to review JavaScript code to improve stability
- At Sciex, worked on the team investigating customer incidents - which meant digging into unknown code to determine the issue
- At TransUnion, created C++ Canadian plug-in modules for new credit-scoring system

07/2013 to 03/2018	**Application Architect**

Santander Consumer USA – Remote

- Skills: C# 2.0, C# 7.0, .Net 2.0, .Net 3.5, Team Foundation Server, Git, SubVersioN, T-SQL, XML, Windows Server 2012, WPF, Dynatrace Application Monitor, Splunk, HP Fortify, SAFe (Scaled Agile Framework)
- Co-developed a loan decisioning system that was much faster, a lot more versatile, plus with a smaller footprint than the current system
- Defined and enforced standards for the application developers in the organization
- Reviewed designs of application developers on multiple teams, to ensure company standards were met, and evaluated how different components interacted and how existing code could be leveraged
- Reviewed code of application developers to ensure standards were met
- Assisted in special projects where needed
- Helped troubleshoot when issues arose, gave guidance, and helped with debugging.
- Created POC for call center application; used MEF to be flexible for other business lines

06/2004 to 12/2012	**Senior Software Developer**

(various Contracts) – GTA

- Worked in different business sectors: financial, healthcare, utilities, among others.
- Created different applications using C# and C++.
- Modified ABELSoft scheduler, allowing several times more healthcare providers to make bookings
- Worked at medical startup, helping with their WinForm application
- Collaborated with team building new cinema project line, wrote code that analyzed temperature sensors to ensure equipment safety
- Wrote reporting module for electrical testing unit
- Delivered high-quality code on time by effectively managing project timelines and prioritizing tasks accordingly.
- Collaborated with cross-functional teams to integrate software components seamlessly into existing systems.

01/2001 to 07/2003   **Senior Development Manager**

Siebel Systems – Toronto, ON

- Skills: Interviewing potential new hires, Performance Review, Microsoft Project, Microsoft Excel, C++, Rational ClearCase, COM, IBM DB2, Oracle, Siebel Tools, SQL Server 2000, VB6, RUP, Code Review, Review Design, SDLC
- Helped create a new application for the Hospitality Function Booking Reservation System, for which the 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 the QA team for testing documents and requirements.
- Acted as the Project Management for my team's projects.
- Had a major role in triaging incoming issues, and working with other teams to learn history, ownership, and priority of issues. Managed resources and deadlines at the end of product testing.
- Managed team (max size was 15 FTEs with 2 contractors and 3 remote) working on institutional finance and hospitality software.

06/1987 to 12/2000   **Development Manager**

ABELSoft – Burlington, ON

- Skills: C++, C, COM, Access, DOS, ISAM Database, SCO Xenix, Windows, HL7, Unix Scripting, Microsoft Project, Microsoft Excel, Rational Rose, RUP, Code Review, UI, Class Design, Interviewing potential new hires, Performance Review
- Started as C developer of medical office software, later managed team, project scope, and release planning.
- Designed and developed many modules in the application: patient and doctor data, scheduling, billing, and reporting.
- Managed team, project scope, and release planning.
- Created shell scripts for product generation and installation, version control, and various dev. tasks.
- Created HL7 interface from hospital systems
- Managed a team of 6 developers. Reported to the President, was accountable for the team, and gave input for product direction. Liaison to the other development team, documenters, QA, and trainers
- Helped team with debugging tough problems
- Inspired Loyalty: had a low turnover in the group which resulted in more productivity
- Involved in all parts of SDLC
- was SourceSafe Administrator
- Communicated with customers often, either for customized solutions or for input on upcoming features

EDUCATION

05/1987	**Diploma**: **Computer Science And Technology**
	Sheridan College - Brampton

LANGUAGES

English

Native or Bilingual

French

Elementary

VOLUNTEER WORK & ACCOMPLISHMENTS

Webmaster (using WordPress) for Burlington Historical Society.

Help my wife provide cat foster care (Home at Last Rescue, since 2015)

Occasional help my son sometimes with his Python homework.

My team at Siebel received a patent for hospitality booking software; Function space reservation system (US 20120209639)

Authored "C++ Cookbook (including C++23) April 2024, https://www.amazon.ca/dp/9355515375