ROBERT KURZ

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SUMMARY OF QUALIFICATIONS

- 12 years of software development and database design experience, utilizing a wide variety of languages
- Lead developer on a number of large-scale enterprise applications
- Continuously learning, experimenting with and teaching others advancements in software development and technology
- Team player who is able to both lead and contribute to planning, development, implementation and maintenance stages of projects

TECHNICAL CAPABILITIES

ASP .Net, C#, Visual Basic, HTML/CSS, JavaScript, Java, C/C++, Ruby, Clojure, Lisp, SQL Server, SQLite, mySQL, PostgreSQL, Sybase SQL Anywhere, OpenGL, PHP, Microsoft Access, Corel Paradox, Subversion, Git, Mercurial

EXPERIENCE

Senior Software Developer   **July 2013 to Present**
MLD Solutions Inc. (www.mldsolutions.com**)**   **London, Ontario**

- Responsible for customer communication, design, implementation and maintenance
- Mentor young development team by introducing them to SOLID design principles, automated testing and agile methodologies
- Technologies: ASP.NET (Web Forms and MVC), SQL Server, Dev Express

Senior Software Developer   **August 2004 to June 2013**
Protiviti Inc.   **Waterloo, Ontario**

- Responsible for spec review, architecture design, implementation, and maintenance
- Improved team's overall code quality by performing regular code reviews and ensuring team members follow best practices such as automated testing and refactoring
- Introduced and implemented agile methodologies such as Scrum and Kanban to various teams within the organization
- Involved in recruiting and interviewing for various developer, quality assurance and analyst positions
- Responsible for investigating new tools and technologies and bringing them to the team
- Gained experience working with distributed teams (Argentina, Chicago, Waterloo)

Intelligence Portal
- A web-based data collection and reporting tool that allows clients to view, analyze and improve upon Occupational Health and Safety, Risk, Regulatory and Fleet Compliance
- Used by 230,000 users worldwide
- Features: custom user dashboards, reporting, employee training, document library, automated notifications, meeting entry and compliance, risk rating profiles, importing client data feeds, integration with Compas, etc.
- Technologies: ASP.NET MVC, WCF, SQL Server 2008, Dev Express

COMPAS Mobile Audit Platform (www.compasaudit.com)
- A flexible web and PC-based auditing tool
- Features: data entry, reporting, custom user dashboards, targeted communications, and administrative functionality
- Includes a web application, windows desktop application, mobile web application and a Pocket PC application
- Handles importing client data feeds and integrating with other client applications (via web services)
- Technologies: ASP.NET Web Forms, .Net Windows Forms, SQL Server 2008, SQLite, .Net Compact Framework

Other custom applications (www.protiviticommunications.com/solutions)
- Various applications covering areas such as safety training, employee certification, accident reduction, and meeting entry and compliance.
- Built with ASP.NET Web Forms and SQL Server

EXPERIENCE CON'T

Software Developer / Database Designer   **May 2002 to July 2004**
Concordia Club   **Kitchener, Ontario**

- Designed, developed, implemented and maintained two projects: a membership application and a ticket sales tracking application
- The membership application kept track of member achievements, club status and fee payments
- The POS application used for selling Oktoberfest tickets handled purchases, returns, remaining ticket inventory, and custom reporting
- Both applications were developed using Corel Paradox and the ObjectPal language

Database Developer   **April 2002 to August 2002**
Wilfrid Laurier University   **Waterloo, Ontario**

- Assisted a professor with research project by importing stock market data from different sources into an SQL Server database and writing reports against it

COMMUNITY INVOLVEMENT

Peer-to-Peer Champion, Agile/Lean   **2010 to 2013**
Communitech   **Waterloo, Ontario**

- User group devoted to helping others in the community learn about Agile and Lean principles
- Responsible for facilitating monthly meetings, recruiting new members, and providing insight and direction on future topics and speakers

Project Manager/Technical Lead   **Summer 2001 to Summer 2003**
IT Consulting and Development Team   **Waterloo, Ontario**
Wilfrid Laurier University

- Led a team of student developers in providing technical consulting and development to various local organizations on a volunteer basis
- Mentored student developers in technical troubleshooting and development of various internet-based applications

SAMPLE CODE

ScoreKeeper (http://github.com/rkurz/ScoreKeeper)

- Allows a user to keep track of scores in various types of round/period based games
- Motivation for this application was to explore the jQuery Mobile framework and to experiment with Behaviour Driven Development

StatusBoard (http://github.com/rkurz/StatusBoard)

- Allows stakeholders and team members to easily view project metrics on a single screen
- Designed to be displayed on a large TV screen in team room, but can also be viewed in a browser by remote team members
- Pulls data from various web services and combines them into one easily readable dashboard

EDUCATION

Honours Bachelor of Science   **Class of 2002**
Wilfrid Laurier University
Major: Physics, Computing and Computer Electronics
Minor: Mathematics