Bogdan Radacina

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Objective

Software Developer position in an agile and challenging environment where 6 years of experience will add business value.

Professional Profile

C# software developer with 6 years of international experience developing and maintaining small to medium scale applications. A dependable, detail-driven individual, with exceptional ability to quickly grasp and master new concepts and technologies, eager to contribute technical proficiencies as well as analytical and problem solving skills toward the creation of new generation software.

Skills

Technical skills: Advanced knowledge of C#, C++, C, .NET, ASP .NET MVC, WPF, Silverlight, SVN, XHTML, Javascript, Kendo UI, Knockout, NHibernate. Worked with Golang, Python, PHP, Lua, WCF, Crystal Reports, MySQL, MSSQL, Git, Mercurial, Entity Framework, IoC containers, NUnit, Google Maps API, Twilio API, Automapper, ESRI ArcMap API
Design: Adobe Photoshop, Inkscape
Interests: Software and Enterprise Architecture, Agile Development Practices, Design Patterns, SOLID principles, Finance, Accounting, Web Companies, Computer Graphics, Machine Learning, Electronics
Languages: fluent in English and Romanian; intermediate in French and Italian

Work Experience

Markit Analytics, Calgary, Canada, 2013 - 2014

+ Enhanced Markit's Integrated Resource Management(IRM) solution, a front office analytics package that enables financial institutions to calculate the cost of funding and capital resources of their over-the-counter derivatives trades as well as optimize trading decisions prior to execution
+ Added support for ISDA credit support annexes (CSA) to the IRM solution
+ Optimized build scripts, database queries, website scripts and user interface

Arcurve, Calgary, Canada, 2013 (contract)

+ Architected and implemented OffsetAnalyst (http://xitechnologies.com/offset-analyst/) a web-based software application that allows well planners to easily perform research on 100,000 well tour reports
+ Participated in the improvement and maintenance of Safe, an application designed for Scamp Transport Ltd. that tracks fuel levels at gas stations and allows scheduling of fuel deliveries to stations

Pure Technologies, Calgary, Canada, 2011 - 2013

+ Architected and implemented a pipeline inspection and monitoring data management system and website (ASP.NET MVC) to meet the needs of our clients in the United States
+ Created a set of tools to be integrated into ArcGIS 10 that would help clients with pipeline data visualization and spatial querying
+ Developed data acquisition software to be used during pipeline inspections by a pipe crawling robot

SMART Technologies, Calgary, Canada, 2009 - 2011

+ Worked with CLI/C++ to integrate new functionality written in WPF into existing native legacy Notebook software
+ Participated in the design, development, release and maintenance of SMART Response VE, SMART Response 3, SMART Classroom Suite 2009, SMART Table 1.5

Sysmart, Bucharest, Romania, 2008 - 2009 (contract)

+ Designed and implemented MudStream, an Oil Industry application for a Calgary based firm.
+ Ensured timely and clear communication with the client in order to capture requirements, identify needs and correctly assess complexity
+ Contributed to the application architecture
+ Brought improvements to design
+ Fully developed the application according to requirements
+ Added reporting to the application using Crystal Reports
+ Designed and implemented Web Service to ensure proper communication and data storage with a central server

Work Experience

SMART Technologies, Calgary, Canada, 2007

+ Maintained and added improvements to Senteo (a proprietary interactive response system)
+ Assisted with different tasks that improved the integration between Senteo and Notebook
+ Created different utilities for clients or internal use
+ Evaluated new technologies such as RDS, SPARQL, XERCES, Silverlight and Flex for their integration and usage in a new project, Senteo 2

IHS Energy, Calgary, Canada, 2005 - 2006

+ Maintained and added new functionality to AccuMap
+ Researched, implemented and tested NAD27 to NAD83 coordinate conversion algorithms and integrated them into AccuMap
+ Added improvements to ESRI Shapefiles rendering algorithms to make them commercially viable in AccuMap

Certifications

Microsoft® Certified Technology Specialist: .NET Framework 4, Windows® Applications, May 2011

Education

Bachelor of Science in Computer Science with a concentration in Computer Graphics from University of Calgary, Graduated in 2007 with a GPA of 3.75

Received Statement of Accomplishment after completing the Machine Learning online course offered by Professor Andrew Ng, Stanford University, October through December 2011