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<u>Objective:</u>	I am looking for a full-time position as an Architect, Team Lead or Senior Software Developer.
<u>Background:</u>	<ul style="list-style-type: none">- Over 15 years of experience as an Architect, Team Lead and Senior Software Developer;- Involved in full life-cycle of designing, developing, installing, configuring, and maintaining business applications on Windows/Unix platforms;- Very strong in Microsoft technologies and languages such as Microsoft .NET, C#, Win32 API;- Strong in Oracle 11/10g database development, J2EE development, IBM Eclipse, Tomcat;- Have vast experience of designing and developing various commercial applications using client/server and n-tier architecture in Microsoft Windows, Visual Studio, Oracle, Java;- Experience in Agile/Scrum/Business Rule Management Systems/Data warehouse analytics;- Extensive experience in Object-Oriented Design, parallel programming, protocols, mathematical algorithms, performance optimizations.
<u>Technical Skills:</u>	<p>Operating Systems: Microsoft Windows 2012/2010 Server, Microsoft Windows 8/7/XP Professional, Unix;</p> <p>Languages: C#, HTML5, Python, PL/SQL, Transact-SQL, Java, C, C++, JavaScript/VBScript;</p> <p>Databases and Messaging Systems: Oracle 11g/10g/9.2 R2, Microsoft SQL Server 2012/2010, Microsoft Exchange 2010, Sybase SQL Anywhere 5.0, Microsoft Access 2013;</p> <p>Compilers and development tools: Microsoft Visual Studio .NET 2012, .NET 4/4.5, WinDBG/KD, FxCop, NDepend, EntLib 5.0, Sun J2EE 7, IBM Eclipse 3.6, Sybase Power Designer 11/9, PL/SQL Developer 9.0, Rational Rose, SAP/Business Objects;</p> <p>Testing and build and source control systems: TFS 2012/2010, Subversion, CVS, MS SourceSafe (VSS) 6.0, NUnit 2.6.2/MsUnit/JUnit 4.0/MSBuild/N/Ant;</p> <p>Technologies, libraries and methodologies: OOD/P/Patterns, SDLC/Agile/Scrum, WCF, ASP.NET/ASP, WPF, LINQ, MEF, T-SQL /PL-SQL/ODP.NET/, ADO/ADO.NET, Win32 API/WinSock/TCP/IP/HTTP/ LDAP, RADIUS.</p>
<u>Relevant Skills:</u>	<ul style="list-style-type: none">- Web (Microsoft Internet Information Server (IIS) 7/6, Tomcat, Apache);- Multi-browser development (IE, Chrome, Firefox);- Business-rules engine experience, BRMS;- Energy/steel-making industry experience;- Finances (receivables/wholesale) and HP modules experience;- Project management experience (Agile/Scrum/Microsoft Project);- Project tracking and defects tracking experience (TFS/HP Quality Center).
<u>Managerial Experience:</u>	<ul style="list-style-type: none">- Management of proficient team of 5 programmers;- Knowledge of IT project development processes;- Experience leading and managing IT projects or sub-teams and knowledge of IT project management;- Responsible for evaluation and purchasing of hardware and software;- Developed tracking for consumers and system maintenance records;- Outlined Project plans, expenses and employee counts within Financial Goals;- Coordination of Employee Training and Development programs;- Knowledge of Infrastructure & Operations practices and processes. <p>Capable to represent business client's perspective within IT team.</p>



Enterprise Application Developer



.Net Framework 2.0
Distributed Applications
Windows Applications
Web Applications



Date: 10/2008 – Present

Employer: InRule Technology, Inc., Microsoft Gold Certified Partner, Chicago, Illinois

Position: Senior Product Engineer

Responsible for delivery of several features for the next version of Business Rule Engine, which provides an authoring environment and SDK for automation of business logic through OEM integration into the customers' products. InRule Engine is built into the end-user products of companies including Hewlett-Packard, EDS, JPMorgan Chase, Wells Fargo, AmEx, and others. Designed and implemented the Rule Flow feature using **WPF, WCF, Visual Studio 2012** and other Microsoft tools and technologies. Designed and implemented the User-Defined Functions (irScript), the front-end and back-end compiler using **ANLTR**. Have been working on incorporating the IntelliSense design-time support for the irScript language in authoring tools. Designed the repository similar to **TFS** for storage and retrieval of rule apps using databases on **Oracle** and **Microsoft SQL Server**. R&D of the next features and improvements for the versions of the product to be implemented by the development team.

Environment:

Microsoft Visual Studio 2012/2010, C#, SL, WPF/WCF/LINQ, MEF, .Net 4/4.5, DLR, ActiPro, FxCop, NUnit, Jenkins, Agile/Scrum.

Date: 1/2005 – 10/2008

Client: JP Morgan Chase, Inc., Chicago, Illinois

Position: Senior Software Developer

Designed, implemented and tested code in the middle tier of the wholesale customer receivables system including domain model, business and services layer for the system with over \$1B processed daily, 50000 users and 2000 customers. Designed and implemented code according to the business requirements using **Microsoft Visual Studio 2005** and other Microsoft tools, the backend code using **PL/SQL** for the database and image server with 12 TB storage used. Tested written code using testing harness (**NUnit**). Designed, implemented and optimized for performance the common framework for solution with 5M lines of code. Designed, implemented and tested code for off-line data browsing on CD-ROMs. Designed search engine for these CD-ROMs using Java technologies (**MSJVM 1.1, Sun JVM 1.4.x**) using **IBM WebSphere 5.x/Eclipse 2.1**. Designed and implemented the data exchange protocol between Canadian and US banks. Performed performance optimization of the protocol using various mathematical algorithms. Conducting code reviews, design evaluations and overseeing of the junior developers within the team.

Environment:

Microsoft Visual Studio 2005, C#, VSS, ASP.NET, ADO.NET, Telerik, JavaScript, Oracle 9.2, PL/SQL, NUnit, Ant/NAnt, FxCop.

Date: 09/2002 – 12/2004

Client: Novolipetsk Steel, JSC, Lipetsk, Russian Federation

Position: Architect / Team Lead

Project 1:

Designed and implemented the top layer of the distributed energy accounting system for company with 70000 employees and 9.1M tons of steel produced yearly. Designed and implemented the system for collecting information about energy resources from SCADA systems, which, in turn, collected the information from controllers from nearly 10,000 accounting points (sensors of physical devices, those measure the consumption of water, gas, electricity and other resources). Designed and implemented the data communication protocol to transfer the data collected using **MikSys** SCADA system to the relational database built on **Oracle 8.1i**. Designed and implemented rich client application for manual input of information into the database using **Microsoft Visual Studio .NET** using **C#, Windows Forms** and **ODP.NET**. Implemented the Notification and Reporting service using **Microsoft Exchange 2000 Server, Microsoft Visual Studio .NET**. Designed and implemented authentication module with company's **Active Directory** built on Windows 2000 Domain, **LDAP, RADIUS** protocol.

Project 2:

Designed and implemented an OLAP solution for business analysis of the HR database for 70000 employees. Performed an analysis of the business processes of the system for monitoring of metal production within the workshop and designed a universe for the **SAP/Business Objects 5.1** platform with database running on **Oracle 8.1i** with hundreds of tables and millions of records in the tables. Performed an analysis of the energy resources management of the company with 9.1M tons of steel produced and designed a universe for analytics layer above the SCADA subsystems for energy resources management system. The SCADA subsystems were running on DECONT and PL controllers with geographical distribution of centers over the 50 square km and the system had nearly 10,000 accounting points.

Environment:

Oracle 8.1i/9i, Microsoft Visual Studio .NET, C#, Windows Forms, CVS, Subversion, ODP.NET, Active Directory in Windows 2000 Domain, Microsoft Exchange 2000 Server, LDAP, RADIUS, SAP/Business Objects 5.1, Sybase Power Designer 9.0, PL/SQL Developer 5.0.

Date: 06/2003 – 12/2003

Employer: Novolipetsk Steel, JSC, Lipetsk, Russian Federation

Client: Dansteel A/S, Fredericksverg, Danmark

Position: Architect / Business Analyst

Performed migration of the Manufacturing Executing System from IBM mainframe and **VAX** to open platform in Dansteel A/S. Analyzed the business processes, identified the requirements and created the application specification for the heterogeneous solution. Designed and implemented the data exchange protocol for the distributed system with main operations center in Danmark and corporate hub in Russia. Was responsible for configuring the daily transmissions through **VPN** and **sFTP**, uploading the information using **Oracle SQL*Loader**, transforming business information which was a snapshot of mainframe database into relational database running on **Oracle 8.1i**.

Environment:

Oracle 8.1i, Sybase Power Designer 9.0, PL/SQL Developer. SuSE Linux 2.4.1, Bash, vi.

Date: 04/2001 – 09/2002

Client: Novolipetsk Steel, Department of Industrial and Systems Engineering, Lipetsk, Russian Federation

Position: Software Developer

Designed and implemented the Document Management System solution. Was responsible for a client part of the client-server system, which users were using to register new documents, organize them into categories, perform the search in the catalog, and source control of the documents. Documents were a critical business of company's drawing archive, created by design engineers and used for production. Performed the analysis of the business processes in the department with 300 users (**Rational Rose/UML**) and designed a database for **Microsoft SQL Server 7.0** (stored procedures, triggers, views, **DTS**, COM objects). Designed and implemented the rich client application (**Microsoft Visual C++ 6.0, MFC, MDAC, ODBC, ActiveX, COM, DHTML, JavaScript, and VBScript**). Performed the system testing of the solution and implemented it into production.

Environment:

Rational Rose 2000, UML, Microsoft SQL Server 7.0, Microsoft Windows NT 4.0, Microsoft Visual C++ 6.0, OOD, MFC, ATL, ActiveX, Win 32 API, OLE Automation, ODBC, COM, ODL/IDL, DHTML, JavaScript, VBScript, VSS.

Date: 12/1999 – 02/2001

Client: Altalen, LLC, Lipetsk, Russian Federation

Position: Software Developer

Designed and implemented the system for time management in the computer club. The client/server application for daily operations of the computer club with about 200 computers in 24/7. Was responsible for analysis of the business processes such as time management, finances management, client membership, computer control, and reporting. Identified the requirements for the project, documented these requirements through usage scenarios. Designed a communication protocol for computer control using **WinSock, TCP/IP, Win32 API, multi-threading programming**. Created the rich client for manager's computers and server part for controlled computers using **MFC, Win32 API**. Designed the application for membership management, reporting for financial reports, time reports, and membership reports using **MFC, ATL, JavaScript, VBScript, DHTML, ASP, COM, and CDO**. Designed the high-available logging system.

Environment:

Microsoft Visual C++ 6.0, Windows 98, Windows 2000 Server, MFC, ATL, CDO, COM/DCOM, Win32 API, WinSock, TCP/IP, JavaScript, VBScript, DHTML, ASP, multi-threading programming.

Date: 01/1999 – 12/1999

Client: Department of Streets and Sanitation, City of Lipetsk Government, Russian Federation

Position: Lead Developer

Designed and implemented integrated solution for HR, Payroll, and Tax management for the company with 1200 employees. Analyzed business processes of the company, identified the requirements, and documented the requirements through usage scenarios. Designed the database for the system using **Power Builder, Visual Modeler 2.0, and Sybase SQL Anywhere 5.0**. Performed the migration of the system to **Microsoft SQL Server 7.0**. Designed and implemented the rich client application using **Visual C++ 6.0, MFC, ATL, COM, DCOM, ODBC, OLE DB**, and complex **Transact-SQL** queries. Was responsible for design

of the Build-in Language Interpreter, which was handling all calculation schemes in the solution, which was implemented using **Visual C++ 6.0, MFC, ATL, ODBC, OLE DB**. Designed the Reporting System with the report designer using **MFC, ODBC**, Report Builder control. Performed the system testing and backups planning for the system.

Environment:

Sybase SQL Anywhere 5.0, Microsoft SQL Server 7.0, Power Builder, Microsoft Visual Modeler 2.0, Microsoft Visual C++ 6.0 and Visual Basic 6.0, MFC, ATL, ADO ,ODBC, OLE DB, SQL, Transact-SQL, Stored procedures, Triggers, Views.

Date: 05/1998 – 01/1999

Client: Department of Forestry, City of Lipetsk Government, Russian Federation

Position: Developer / Team Lead

Designed and implemented the Tax Management solution in cooperation with three team members. Was responsible for analysis of the workflow and data exchange protocol between the Payroll System and Internal Revenue Service in the city government. Performed the analysis of the DBase database used for the data storage and designed and implemented the UI layer and business layer of the solution (**Microsoft Visual Studio, Visual Modeler, ODBC, Visual C++ 6.0, MFC, ATL, ODBC, COM, FTP**). Designed the data exchange protocol between modules. Designed and implemented the reporting system used to prepare the electronic forms submitted to the IRS service (**MFC, ATL, COM, ODBC**). Performed the system testing of the solution in the integrated environment.

Environment:

Microsoft Visual Studio 97, Microsoft Visual Modeler, ODBC, MFC, ATL, COM.

Date: 06/1997 – 05/1998

Client: Department of Forestry, City of Lipetsk Government, Russian Federation

Position: Developer

Have been a lead developer in the team responsible for the design of the Supply Chain Management System and Document Management System for the department of forestry in the city with the population of more than 500,000 people. Analyzed business processes for the system and workflow of the construction materials, documents (invoices, reports), work orders for planting trees, shrubberies, flowers and resources. Designed and implemented the Salary Management System of the department. As a team member was responsible for the design of language interpreter, which was used for customizable schemes of salary calculation. Language interpreter was built in **Microsoft Visual C++ 97** as a core component of the application and was designed for Windows 9x platform. There were used: **MFC, ATL, COM** and other Microsoft technologies.

Environment:

Microsoft Visual C++ 97, Windows NT 4.0, MS SQL 6.5, MFC, ATL, COM.

Education and Certification:

1. **Master's Degree** in Engineering, Lipetsk State Technical University, Lipetsk, Russian Federation.
2. Scrum Professional Development Class, Construx, 2012
3. Microsoft Certified Professional, achieved on August 24, 1998.
4. Microsoft Certified Technology Specialist: .Net Framework 2.0, Web Applications, Distributed Systems, Windows Applications, achieved on December 22, 2007.
5. Microsoft Certified Professional Developer: Enterprise Applications Developer, achieved on March 4, 2008.
6. Implementing and Supporting Microsoft Windows 2000 Server as print file and web server. Archived on April, 18, 2000.
7. Test of English as a Foreign Language (TOEFL), Total Score: 240 (300 the highest), 2003.

Awards and Honors

1. Intel Excellence in Computer Science Award, 2002.
2. Step to the Future Honor, 2002, The 5th Regional Scientific and Engineering Symposium "Step to the Future".

Personal

Have excellent communication skills. Comfortable in an atmosphere requiring high energy levels, the ability to handle stress and the necessity to make quick, accurate decisions, communicate problems clearly and positively. Enjoy learning new tools, techniques, methodologies and environments. Enjoy working as a member of a team. Enthusiastic, energetic and have excellent learning abilities.

References available upon request.