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PAWEL BURZYNSKI

Experience

Trading Systems Developer, Man GLG. (perm)

2017 - now

- Responsible for implementation of C# integration services layer for the Charles River installation project. Technologies used: **RabbitMQ, MSMQ, Charles River API**
- Working on BAU work items, bugfixes and improvements for the primary trading platform. Technologies used: **WPF, MSMQ, WCF**
- Responsible for implementation of position aware, pari passu trading extension in the trading system portfolio management system. **Numerical optimization, SpecFlow, WCF**

C# Developer, Newton Investment Management. (perm)

2015 - now

- Responsible for design and implementation of Bloomberg research integration with an existing research platform. Technologies used: **Bloomberg Terminal, C#, WebAPI, Oracle**
- Responsible for design and implementation of Office extensions allowing users to publish research to Bloomberg directly from Word or Excel. Technologies used: **Bloomberg Client API, C#, COM, WiX**
- Working together with testing team on specifying and implementing an automated suit of tests as well as improving continuous integration workflow. **NUnit, MS Test, TeamCity, OctopusDeploy**
- Working on ad-hoc scripts with research analysts and providing them with calculation automation. **python, numpy, pyplot**
- Liaising directly with head of research and other research analysts on application requirements as well as gathering feedback by taking part in product review meetings.

UI/JAVA Developer, Direct Line Group. (contract)

2015

- Responsible for implementing back-end and front-end for a portal for managing Policies and Quotes by customers. Development and amendments of SalesForce VisualForce Pages linked to the portal. Technologies used: **JAVA, Spring, Apache Tomcat, SalesForce VisualForce Pages**
- Responsible for implementing front end design on one of the most business critical applications. Technologies used: **Angular.js, JavaScript, HTML5, grunt.js, node.js, SASS**
- Creation, configuration and house keeping of virtual machines that were used as development environment for other developers. Technologies used: **VirtualBox, Guidewire PolicyCenter and BillingCenter**

Senior Software Developer/Architect, Money Debt and Credit Ltd. (perm)

2014 - 2015

- Responsible for designing the SOA based application architecture for a range of products and implementation of the key features of the architecture. Technologies used: **.NET/C#, WebApi, MVC, EntityFramework, MSSQL, AngularJS, bootstrap, JavaScript, Ninject**
- Implementation and maintenance of TeamCity build server, writing build and automatic deployment scripts using MSDeploy and MSBuild. Technologies used: **TeamCity, MSBuild, MSDeploy**
- Liaising with the development manager and key company stakeholders on application requirements, estimation and work division among the team members. Technologies used: **JIRA, Team Foundation Server.**

Software Developer, Opensoft Systems Ltd. (perm)

2011 - 2014

- Lead developer for SAP integration project on two UK based sites of the one of the biggest food manufacturers in the world. Technologies used: **.NET/C#, WCF, MVC, EntityFramework, MSSQL**
- Lead developer of various industry oriented projects including reporting applications and recipe management systems. Technologies used: **.NET/C#, WCF, MVC, EntityFramework, MSSQL, AngularJS, bootstrap, JavaScript**
- Lead developer of the Active Virtualization Software (AVS) project which is a fully distributed virtual machines management system and a general purpose backup/restore and monitoring utility. Technologies used: **.NET/C#, Silverlight, WCF, MVC, EntityFramework, MSSQL, Ninject**

Software Developer, PGS Software. (contract)

2010 - 2012

- Software Developer responsible for creating custom business to business and business to customer web applications, product management systems and CMS solutions for one of the biggest florist networks in Europe. Technologies used: **.NET/C#, ASP.NET WebForms, JavaScript, ADO.NET, MSSQL, Ninject**

Software Developer, Koszalin University of Technology. (contract)

2008 - 2010

- Software Developer responsible for creating FLASH/WPF based interactive presentations for students. Technologies used: **.NET/C#, Flash, WPF**

Software Developer, KUKA Systems GmbH. (internship)

2008

- Software Developer involved in creating spot welding controller with multi-threaded server and master/slave paradigm implementation for a real time welding application. Technologies used: **C/C++, C#/.NET, WinCE, WinForms**

Skills and Abilities

Programming Languages

- Proficient: C#, JavaScript, SQL
- Advanced: C/C++, Java, Python

- Intermediate: OCaml, F#, Scala, Haskell

Technologies and methodologies

- .NET, Web Forms, Win Forms, MVC, Silverlight, WPF
- Bloomberg Terminal, Bloomberg Client API
- Charles River XML/Bean API
- RabbitMQ, MSMQ, Kafka
- WebAPI, WCF, REST, JSON, SOAP
- NHibernate, Entity Framework
- TeamCity, OctopusDeploy, NUnit, Moq, SpecFlow, Rake
- Ninject, Unity, Castle.DynamicProxy
- HTML5, CSS3, jQuery, jQuery UI, Kendo UI, AngularJS, Bootstrap, grunt, requre.js, underscore.js, SASS
- SCRUM, AGILE, JIRA
- JAVA Spring, maven, gradle
- SVN, GIT (active developer on github), TFS
- Visual Studio, ReSharper, dotCover, dotPeek, StyleCop
- Active Directory and Windows Administration
- SQL, MSSQL, basic Oracle
- VMware workstation, Hyper-V Server, (ESXi basic)
- JAVA, Android, Eclipse, Android Studio, Android Annotations

Certificates

Microsoft

- **MCTS 70-480:** Programming in HTML5 with JavaScript and CSS3
- **MCTS 70-515:** Web Applications Development with Microsoft .NET Framework 4
- **MCTS 70-513:** Windows Communication Foundation Development with Microsoft .NET Framework 4
- **MCTS 70-516:** Accessing Data with Microsoft .NET Framework 4
- **PRO 70-519:** Designing and Developing Web Applications Using Microsoft .NET Framework 4

Education

Wroclaw University of Technology, Poland, Master of Science

- **Thesis** – Analysis of properties of non-relational databases. This included a deep comparison between available commercial solutions as well as design and implementation of an industrial environment specific non-relational database. Grade: **A**
- Science scholarship

Wroclaw University of Technology, Poland, Bachelor of Science

- **Thesis** – Design and implementation of an industrial robot simulator. This involved implementation of a XNA 3D based view engine, an nVidia PhysX based simulation engine and a Grammatica based programming language which used .NET reflection to communicate with the simulation engine. Grade **A***
- Highest science scholarship

III LO (High School), Poland

- Final exams results (all advanced level)
-   - Mathematics: 96%
    - Physics: 93%
    - English: 92%
- Finalist of regional stage of physics Olympics
- Mathematical scholarship from President of Wroclaw