JEROEN DE RYCK

COMPUTER SKILLS

Languages:	(Thorough)	Java, (X) HTML, CSS, SQL, C#, IBM EGL
	(Average)	JavaScript, ExtJS 4.2, SAS, Action script, COBOL, Prolog, VB, PHP, Spring Framework, ExtJS 4.2 Framework
	(Basic)	C++, Selenium, XML
OS:		Windows platforms, Ubuntu Linux, OS X, UNIX (through PuTTY)
Other:		Eclipse, MongoDB, SAP, Microsoft Office, Flash, Object-Oriented programming, Customer Relationship Management, SCM, algorithms, diagrams, mainframe

WORK EXPERIECE

- Maintenance and development on a time registration portal being used by most of the city services in **New York** using JavaScript, HTML and a variety of frameworks like ExtJS and DHTMLX**.**
- Developing and enhancing the Prime Finance Portal capabilities at **Citi** and working closely with local business users and business analysts to translate business requirements for the off-shore team.
- Support for Production and UAT Portals during NAM/EMEA hours.
- Providing Testing, Integration and Development SME to NAM/EMEA developers.
- Support and minor development work on Prime Finance Platform items App Servers, non-Production monitoring, NoSQL datastores
- Maintaining operational systems and working on new primary projects at **KBC Bank**

NYC FISA, NY   **August 2014- Present**
Web Developer
Key Responsibilities:
- Maintaining and upgrading Citytime, a time registration and payroll system being used on a large scale by government employees in the city.
- Upgrading the software frameworks that are being used to be supported by newer browsers. (>IE8, Chrome, FireFox etc.). In particular upgrading ExtJS from version 2.0 to version 4.2.3.
- Reworking the design that has been broken by the new frameworks that are being installed.
- Testing existing screens and modules with the newest browsers and fixing both functional and design problems.

CITIGROUP, NY   **August 2013- August 2014**
Java Developer
Key Responsibilities:
- Develop and enhance the Prime Finance Portal capabilities and work closely with local business users and business analysts to translate business requirements for the off-shore team.
- Back-end application/service development (Java).
- Support for Production and UAT Portals during NAM/EMEA hours.
- Provide Testing, Integration and Development SME to NAM/EMEA developers.
- Support and development work on Prime Finance Platform items –App Servers, non-Production monitoring, NoSQL data stores.
- Development on an automated testing system using Selenium to get feedback on how stable and fast the Portal runs at any given time/day.
- Work on back and front-end for new client attestation screens using ExtJS4.2 and Spring where a client admin can review and change the entitlements on the Portal. This project also included creating a customized Citi-theme to be used in ExtJS.
- Improving access and retrieval of refdata by setting up a MongoDB and saving and retrieving data from this database that is used often. This improved the speed for some Portal screens.
- Adapting to new technologies being used for upcoming new projects like learning and working with ExtJS on the job.
Environment: Java 1.6/1.7, ExtJS 4.2, SQL, NoSQL

Relocation to the United States (Green Card)   **December 2012-July 2013**

KBC Bank, Leuven, Belgium   **May 2011 – Nov 2012**
KBC is the biggest bank in Belgium and a major financial player in Central and Eastern Europe.
Application Engineer

- Programmed in IBM EGL, SAS, and Java
- Used IBM EGL to generate Java code from existing COBOL code
- Maintained operational systems of the entire bank
- Developed new applications for mobile banking
- Maintained computer programs and infrastructure
- Documented information system rationalization and optimization processes in MEGA
- Worked in an AGILE environment with Scrums.
- Helped evaluate and check standards of code outsourced in India
- Assisted analysts with data modeling
- Worked on scripts programmed in SAS that used SQL to insert, modify and delete records the bank database

Institute of Technology, Viseu, Portugal   **February 2008-May 2008**
Researcher (internship)

- Researched five main open source ERP systems and compared them by their main functionality

ACADEMIC PROJECTS

- Created a hotel booking simulation program in Java. The main focus on this project was to support heavily on design patterns. This project used J2EE, Java Beans, SOA and web services.
- Creating an own card game in Java by using the visual possibilities that Java has to offer. XML was also used to store certain data.
- Cleaned up EGL and Java code that generated from existing COBOL code. The code needed to be changed according to certain standards and useability. Worked with SVN version control to eliminate redundancy and create a clean overview of previous versions.
- Used Java (PHP and Javascript) to create a program as well as an Android application. The program scanned music album covers and download songs to the mobile device. This application was later upgraded work on a multi-touch table.
- Worked on a mobile banking application in EGL using SQL injection. Concentrated on user authentication and secure transmission of temporary passwords.
- Created an application for personalization of user-accounts by using C#. Used SQL to store and read data on an Oracle database.
- Created a corporate website using PHP, CSS and HTML according to the W3C standards.
- Used Action script and Flash to create an own mini computer game. The game was an adventure focused on leaving an apartment after being locked up.
- Collaborated on creation of a social network site mockup to allow users to share and recommend research papers to each other.

EDUCATION

Katholieke Hogeschool, Leuven, Belgium   **2005-2008**
Degree: Bachelor in Applied Computer Science
Specialization in Management Information Systems, CRM & Business Intelligence
Thesis: "Alfresco as a Document Management System"
Graduated cum laude