

PAUL MIZGALA

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PROFILE

Software Developer with extensive experience in User Interface design, Client-Side development, and Server-Side development. Projects included Web Applications and 3-tiered Applications with Desktop Clients.

SKILLS

General

Solid track record of getting things done. Ability to adapt to new technologies and new domains. Ability to join a new team and quickly becoming productive. Collaboration with domain experts and customers.

Design and Analysis

Strong User Interface design skills. Ability to understand requirements and design a solution matching the requirements. Strong understanding of Object-Oriented Analysis, and Design. Ability to define requirements.

Tools & Technologies

Development of Object-Oriented systems using Java, Javascript, JQuery, Require.js, Backbone.js, HTML/ CSS, Bootstrap, Hibernate, JAX-RS, Spring, Oracle, PostgreSQL, Eclipse, Swing/AWT, C/C++, C#, MFC, Visual Studio, MATLAB, Perforce, SVN, Microsoft Windows SDK, MS Windows, Mac OSX, J2EE, Struts, GWT(Google Web Toolkit), JSP, XML, XSLT, JAXB, JAXP, JNI(Java Native Interface), Java Servlets, Tomcat, OC4j.

EXPERIENCE

2013 - Software Developer

Cambian Business Services, Surrey, BC

- Member of a team that designed and developed a single page web application for Patient Scheduling. Involved in the complete lifecycle of the product.
- Member of a team designing and developing an SAAS single page web application for Patient Reported Outcomes Measurements (PROMs). PROMs are questionnaires completed by patients in a clinical setting. Involved in the complete lifecycle of the product.
- Agile development.
- Client-Side development.
- Server-Side development.

Tools & Technologies include: Java, Javascript, JQuery, Backbone.js, Require.js, HTML, Bootstrap, CSS, JAX-RS, Spring, Hibernate, Oracle, PostgreSQL, Jasper Reports, Eclipse, SVN.

2007 - 2013 Software Developer/UI Designer

Kodak Graphics Communications Canada Company, Burnaby, BC

- Member of the *PRINERGY Workflow* team (2012 - 2013). PRINERGY Workflow is a commercial prepress workflow system.
- Member of the *KODAK Proofing Software* team (2007 - 2012). KODAK Proofing Software is a commercial prepress proofing system for the printing industry.
- Agile Development.
- Cross-platform development for MS Windows and Mac OSX.
- Designed the User Interface for several new features for KODAK Proofing Software.
- Defined requirements for several new features of Kodak Proofing Software.
- New feature implementation and defect repair.
- Client-Side development.
- Server-Side development.
- Designed User Interface and implemented the client for KODAK RECIPE COLOR Profiler, a standalone product that generates color recipes for the KODAK APPROVAL Digital Color Imaging System. Designed and implemented the inter-process socket communication layer between the Java/Swing/AWT client and a color computation engine implemented in MATLAB. Involved in the complete development lifecycle of the product.
- Collaborated with several domain experts, Color Scientists, and customers.

Tools & Technologies included: Java, Swing/AWT, XML, "Castor XML", XPATH, MATLAB, C/C++, MFC, C#, .NET, MS Silverlight, JNI(Java Native Interface), interfacing with various USB based color measurement devices, Eclipse, Visual Studio, Perforce.

2001 – 2007 Senior Software Engineer

Salescentrix.com, Vancouver, BC

- Member of a team that designed and developed an SAAS web application for Sales Force Automation.
- Member of a team that designed and developed *AccountDynamics*, a commercial SAAS web application for real-time bi-directional synchronization of Salesforce.com CRM data with Quickbooks accounting data.
- Implemented several Struts actions, Servlets, JSP pages, and JSP tags.
- User Interface design.
- Implemented server side Java modules to handle incoming and outgoing dataflows between Salesforce.com CRM and QuickBooks.
- User Interface design and implementation. This included a GWT(Google Web Toolkit) Rich Internet Applications and various JSP pages.
- Implemented a COM component to respond to various types of QuickBooks events to synchronize changes with the Salesforce.com CRM.
- Designed and implemented a C/C++ JNI(Java Native Interface) based framework for the Windows XP environment. The framework supports finding an installed JVM, launching the JVM and running Java programs within the JVM. Used this framework to develop various MFC based programs, and a program to run a Java application as Windows Services.

Tools & Technologies included: Java, J2EE, AJAX, GWT(Google Web Toolkit), JSP, XML, XSLT, JAXB, JAXP, Java Servlets, Tomcat, OC4J, Struts, C/C++, C#, JNI(Java Native Interface, XML, XPATH, Eclipse.

1996 - 2001 Software Engineer

Mercury Scheduling Systems, Vancouver, BC

- Member of a team that designed and developed *Magellan*, a 3-tiered Airline Crew Control scheduling product for Microsoft Windows NT/2000. Involved in the complete development lifecycle of the product.
- Designed the User Interface for the system.
- Client Implementation using MS Visual C++, MFC and MS Windows SDK. Other tools included CORBA, and SQL Server.

1994 - 1996 Intermediate Software Developer

Chancery Software, Burnaby, BC

- Member of a team that designed, developed and maintained several modules for *WinSchool*, a commercial School Administration product for MS Windows.

1993 - 1994 Windows/C++ Developer

Modatech Systems, Vancouver, BC

- Member of a team that designed and developed a commercial Sales Force Automation System for Ms Windows.

1990 - 1993 Programmer/Analyst

KPMG Peat Marwick Thorne, Vancouver, BC

- Designed, developed and maintained several small business systems for various clients.

EDUCATION

1990 **Diploma of Technology, Computer Systems Technology**
British Columbia Institute of Technology, Burnaby, BC

1984 **Bachelor of Music**
University of British Columbia, Vancouver, BC