

PAUL MIZGALA

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PROFILE

Software Developer with extensive experience working on teams that develop commercial software products.

SKILLS

General

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

Design and Analysis

Strong User Interface design skills. Able to understand requirements and design a solution matching those requirements.

Strong understanding of Object-Oriented Analysis, and Design. Able to define requirements.

Tools & Technologies

Development of Object-Oriented systems using Java, Javascript, JQuery, JSON, Require.js, Backbone.js, HTML5/ CSS, Bootstrap, Google Maps API, 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

2016 - 2017 Software Developer

Galdos Systems Inc., Vancouver, BC

- Member of the INdicio Registry team. INdicio is a web-based information management solution that is part GIS, part database, and part document management.
- User Interface design and implementation of various browser based applications that manage the INdicio Registry.

Tools & Technologies include: Java, Javascript, JQuery, Backbone.js, Require.js, Google Maps API, HTML5, Bootstrap, CSS, Eclipse, SVN, XSLT, XML, JSON.

2013 - 2016 Software Developer

Cambian Business Services, Surrey, BC

- Member of a team that designed and developed a web-based application for Patient Scheduling. Involved in the complete lifecycle of the product.
- Agile Development.
- Member of a team that designed and developed a web-based 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.
- Client-Side and Server-Side implementation.

Tools & Technologies include: Java, Javascript, JQuery, Backbone.js, Require.js, HTML5, Bootstrap, CSS, JAX-RS, Spring, Hibernate, Oracle, PostgreSQL, Jasper Reports, Eclipse, SVN, JSON.

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 for the printing industry.
- Member of the *KODAK Proofing Software* team (2007 - 2012). KODAK Proofing Software is a commercial prepress proofing system for the printing industry.
- Collaborated with several domain experts, Color Scientists, and customers.
- Agile Development.
- Cross-platform development for MS Windows and Mac OSX.
- Client-side and Server-Side implementation.
- User Interface design for several new features.
- Requirements definition for several new features.
- New feature implementation and defect repair.

- Designed User Interface and implemented the desktop 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.

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 *AccountDynamics*, a commercial 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.
- Server-Side contribution included Java modules to handle incoming and outgoing data flows between Salesforce.com CRM and QuickBooks online.
- User Interface design and Client-Side implementation. This included a GWT(Google Web Toolkit) Browser Based Application.
- 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), Javascript, 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.
- Implementation using C/C++, and MS Windows SDK

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

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