

OBJECTIVE

To obtain a challenging, responsible position as a Software Developer that utilizes my technical skills and Engineering background

RELEVANT SKILLS AND ACCOMPLISHMENTS

- Extensive experience with Java and J2EE. Advanced skills in design and development of Java powered web sites, JSP, Struts, XML / XSLT, Design Patterns, Tomcat, Weblogic, Apache, Ant, SQL, UML, Linux and web design.
- Experience with Integration tools including Webmethods, Trading Networks and Open Adapter.
- Knowledge of PIDX standards and their use.
- Working knowledge of building applications using the Eclipse platform, including SWT, JFace, Java 2D and the Eclipse Rich Client Platform.
- Experience in Agile development methodologies and how to introduce an Agile process to an existing development team. Using and contributing to several Open Source projects. Solid understanding of UML and software engineering.
- Proven expertise in refactoring Java and Java profiling. Including memory optimization and Performance tuning.
- Good working knowledge of database design and SQL. Experience with Oracle, SQL Server and MySQL.
- Working knowledge of server implementation, including installation, configuration and implementation of Apache, Tomcat and Weblogic.
- Advanced knowledge of web design including HTML, XML, JavaScript, CSS, XHTML, Dreamweaver and Photoshop.
- Twelve years of Oil and Gas Industry experience and a solid understanding of the business.
- Demonstrated exceptional communication and interpersonal skills

EDUCATION

2006 Seismic Principles, Southern Alberta Institute of Technology, Calgary, AB

2004 Sun Certified Web Component Developer for the Java 2 Platform

2003 Sun Certified Programmer for Java 2 Platform

1999 Certificate, Object Oriented Software Technology Program, University of Calgary, Calgary, AB

1997 C / C++ Programming, Department of Continuing Education, University of Calgary, Calgary, AB

1994 B. Sc., Mechanical Engineering, Co-operative program, University of Alberta, Edmonton, AB

WORK EXPERIENCE

May 2006 – Current Kelman Technologies Inc., Calgary, Alberta **Java Developer**

- Member of a team building Kelman's Interactive Processing Environment built on the Eclipse Rich Client Platform.
- Primary area of focus is building a graphical viewer of seismic data using the Java 2D api.
- Automated the IPE build using Eclipse's antrunner, junit and Cruise Control.
- Setup a user support and development wiki using mediawiki, educated peers on the use and value of a wiki and made presentations to staff and management.

January 2005 – May 2006 Digital Oilfield Inc., Calgary, Alberta **Software Development Specialist**

- Member of the Integration team. Responsible for b2b integration using webMethods integration server and trading networks.

- Worked on all aspects of the Daily Charge Record application. This includes a Java Swing App, webmethods integration server, trading networks and a J2EE application.
- Provided technical guidance to other members of the team regarding system architecture and design.
- Provide System Administration support for integration team.

2000-January 2005 Skystone Information Services Ltd., Calgary, Alberta **Lead Developer / Architect**

- Lead a team that developed a J2EE web application to manage production equipment in the Oil and Gas Industry. This included an asset management module and maintenance-scheduling module.
- Technology used in the application included J2EE, Servlets, JSP, XML, XSL, Oracle, Design Patterns, HTML, CSS, and Ant. Utilized several Open Source software projects including Log4j, Ant, Castor, OPT, Apache and Tomcat.
- Executed extensive refactoring of the project to increase performance and reduce memory usage. This resulted in increased user satisfaction, number of users and profitability. Used Apache Benchmark, Cactus, JMeter, and Optimizelt to verify the refactoring success.
- Built a Java wrapper around Oracle's workflow API and integrated it into the application. Implemented an inbox feature that was used to track documents that were using workflow. Investigated Open Symphony, an open source project for replacement of Oracle's workflow.
- Completed extensive documentation of the project including Commercial Specifications, Software Requirements Specifications, Software Design Documents, UML diagrams and ERD's
- Provided ongoing assistance to the Database Administrator, including query optimization, creating and modifying tables, creating users and maintaining data integrity.
- Acted as the System Administrator to manage the network. This includes building new servers, upgrading network hardware and software, maintaining firewalls, and deploying new application code to the servers using Ant.

1999-2000 Teknica Overseas Ltd., Calgary, Alberta **Software Engineer, Database Group**

- Part of a team that developed a web application for managing Seismic and Logging records within a warehouse.
- Technology used in the application consisted of Java servlets, JSP's, SQL Server, HTML, CSS, and JavaScript.
- Architected and developed the Integration tier of the application. This tier consisted of a package of classes that were responsible for Creating, Updating and Deleting records in the database and transaction control.
- Optimized the connection pool to reduce database connections, which resulted in a significant cost savings due to the reduced number of licenses purchased.

1997-1998 Union Pacific Resources Inc., Calgary, Alberta **Engineer, Asset Management**

- Made economic evaluations of properties for acquisition or disposition using various software packages.
- Initiated a 30 well (\$12 Million) drilling program in Hatton, Saskatchewan and was the facilitator for the project
- Presented quarterly updates and 1999 budget (\$60 Million) to senior management for approval

1996-1997 Alberta Oil and Gas Limited, Calgary, Alberta **Petroleum Engineer, Alberta**

- Made recommendations to management for the tie in of standing gas wells, recompletion of shut in oil and gas wells, and abandonment of suspended wells.
- Conducted economic analysis of areas throughout Alberta for acquisition potential and AOG owned properties for disposition potential
- Made recommendations to management for the drilling of new wells based on Reservoir, Geological and Geophysical data.

1994-1996 Mobil Oil Canada, Calgary, Alberta **Operations/Reservoir Engineer, Taber Team**

- Calculated Oil and Gas reserves for the year end reserve evaluation, adding \$15 Million to Taber assets
- Created a database of well history information for the Taber Team, significantly reducing the time spent searching for this information
- Responsible for the 1995 sub-surface maintenance budget of \$275,000, which included writing workover and completion programs for well servicing
- Observed the teardown and construction of mechanical subsurface pumping systems. Made recommendations to enhance reliability of this equipment. Reviewed Quality Assurance and Quality Control policies. Results were an increase in overall system life

ACTIVITIES

Member of the Calgary Police Service Pipe Band

INTERESTS

Bagpipes, Camping, Hiking, Auto restoration and Computers.

SKILLS MATRIX

SKILL USED	LAST USED	YEARS OF EXPERIENCE
Java	Presently using	7
UML	Presently using	7
J2EE	Presently using	6
SQL	Presently using	6
HTML	Presently using	10
XML	Presently using	6
XSLT	Presently using	6
Oracle	Presently using	5
Linux	Presently using	6
Windows NT / 2000 / XP	Presently using	6
MySQL	Presently using	5
Tomcat	Presently using	5
Apache	Presently using	5
Weblogic	Presently using	2
Webmethods	Presently using	1
Trading Networks	Presently using	1
SQL Server	4 years ago	1
VB	4 years ago	1
C / C++	5 years ago	1
AutoCAD	1 years ago	6