



Senior Software Developer

Join the dynamic and collaborative team at Katalyst Data Management (Katalyst)! Katalyst is seeking an experienced Senior Software Developer with great problem-solving skills who is comfortable working with minimal supervision. This is an exciting opportunity to play an integral role in achieving the company's goals. Qualified candidates will bring a strong knowledge software development and problem solving skills to help us address our customer's needs.

- **Located in Calgary**
- **Nominally 8.00am – 5pm Monday to Friday with occasional night and weekend work required**
- **Full-time position**

The Company

Katalyst Data Management (Katalyst) is the global leader in hosted subsurface data management solutions for the oil and gas industry. From data capture and verification, to data storage and organization, to marketing data online, our specialized data services cater to large multinational corporations, national governments and small independents. Katalyst's web-based iGlass services and their related controls, including system redundancy, are key differentiators in providing and maintaining high availability, 24/7 access for customers. Innovation and commitment has enabled Katalyst to provide excellence in both technologies and service qualities.

Key Responsibilities and Accountabilities

In this role you will provide support to international operations through the development of new products and the enhancement and maintenance of existing products. Working under the technical guidance of the Chief Architect, you will collaborate with business analysts, other developers, DBAs and QA personnel. Great organizational ability, a high level of attention to detail, the ability to multi-task, a natural curiosity and a desire to learn are also required for this role.

Key Responsibilities

- Design, build, deploy and maintain products that will grow the business
- Conduct unit and integration testing to ensure quality standards are met
- Communicate technical problems to peers, architect and project owner and provide recommendations for possible solutions
- Collaborate with peers and colleagues through active participation in design and code reviews

Skills Required

- Strong knowledge of Java 8, JEE 7 (CDI, EJB 3+, JMS, JPA [Hibernate], JAX-RS, JAX-WS)
- Strong knowledge of relational databases, SQL (Oracle 11g, 12c)
- Strong knowledge of Linux
- Experience with unit testing (JUnit) and continuous integration (Jenkins)
- Experience with configuring build systems (Maven)
- Experience using Agile (Scrum) practices
- Experience with web & application server configuration & deployment (Apache HTTP Server, JBoss, Tomcat) an asset
- Experience with web frameworks (Struts, Spring MVC, GWT) an asset
- Experience with configuration management tools (Ansible) an asset
- Experience with GIS and mapping systems (ESRI ArcGIS Server, FME Server) an asset
- Experience with NoSQL or full-text search technologies (ElasticSearch/Solr/Lucene) an asset
- Experience with languages such as C/C++/C#/Javascript/TypeScript an asset
- Experience with seismic or well data and the PPDM data model an asset

Required Education and Experience

- 10+ years of relevant software development experience
- Bachelor degree in software engineering, computer science or equivalent work experience
- Familiar with test automation tools such as Selenium, IBM RFT
- Knowledge or experience in oil and gas exploration highly valued
- Knowledge of PPDM data model highly valued

Occasional regional and international travel may be required.

Applications can be emailed in confidence to jobs@katalystdm.com.