

## Software Developer (Full Stack)

*Join the dynamic and collaborative team at Katalyst Data Management (Katalyst)! Katalyst is seeking a 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 Full Stack Software Development and problem solving skills to help us address our customer's needs.*

- **Located in Kuala Lumpur**
- **Nominally 8.00 a.m. – 5:00 p.m. Monday to Friday (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 organisation, to marketing data online, our specialised 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**

The Software Developer at Katalyst Data Management brings a strong, proven set of Full Stack Software Development skills to solve complex problems requiring knowledge of programming languages, technologies, tools and techniques. In this role, you help design, create and maintain our customer-facing web applications and suite of internal tools. Working under the technical guidance of the Chief Architect you will collaborate with business analysts, other developers, DBAs, and QA personnel to resolve issues quickly and efficiently. Great organisational 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

### **Required Skills & Knowledge:**

- Strong knowledge of Java
- Experience with HTML, CSS & Javascript
- Experience with Java 8, JEE 7 (CDI, EJB 3+, JMS, JPA [Hibernate], JAX-RS, JAX-WS) an asset
- Experience with unit testing (JUnit) and in-browser testing (Selenium)
- Experience with web frameworks (Struts, Spring MVC)
- Experience using Agile (Scrum) practices
- Experience with Linux

### **Preferred Skillsets:**

- Experience with Javascript libraries and frameworks (React / Angular) an asset

- Experience with mapping libraries (ESRI ArcGIS API for Javascript) an asset
- Experience with TypeScript an asset
- Experience with relational databases, SQL (Oracle) an asset
- Experience with seismic or well data and the PPDM data model an asset

### **Required Education and Experience**

- 1 - 4 years of relevant software development experience
- Bachelor degree in software engineering, computer science or equivalent work experience
- Knowledge or experience in oil and gas exploration highly valued

Occasional regional and international travel may be required.

Applications can be emailed in confidence to [jobs@katalystdm.com](mailto:jobs@katalystdm.com)