



# Software Developer

We are excited about welcoming a strong **Software Developer** to our incredible *Emconex* team. *Emconex* is Enrich's **business process management platform**, on which our workflow solutions are built. If you love working on the heart of a platform to make it the best that it can be, and helping to achieve visions of future broader application, this could be a great role for you. You will work with a team behind the scenes to add features, improve adaptability and scalability, and drive higher performance. We are continuously working toward realizing broader application of *Emconex* outside of the transportation industry. We are actively working towards *Emconex* becoming a low code platform that could be used by anyone to automate their business processes and design fully customizable workflows tailored for their specific needs.

This role demands design and development expertise, a creative approach to problem solving, and everyday collaboration. We value creativity, flexibility, and an ability to identify simple and elegant solutions to complex problems. In addition to being passionate about technology and how it can be used to provide value to businesses, our ideal candidate is a:

- Solutions finder who thrives on designing and continuously improving our platform for long term success.
- Fast learner who is passionate to learn about our industry, products, and data models; someone who seeks out learning and isn't shy about diving into unfamiliar and complex territory.
- Self-starter who focuses efforts on business value, aligns with leadership on direction and priorities, proposes and drives improvements, works well in a fast-paced environment and takes ownership in their area of expertise. Our super stars are not afraid to ask questions and take initiative; they don't wait for others to drive their work.
- Collaborator who can work closely with others to understand problems at hand, offers their expertise and ideas, and deliver results; someone who loves to work in parallel with others, helping and learning from one another.
- Mentor who shares their broad knowledge so that we may learn from their experiences.

## Who are we?

Enrich is improving our customers' productivity and business processes with our enterprise fleet management solution, Enrich, and our business process management platform, Enrich Workflow Solutions, or *Emconex*. We provide our customers with a complete solution that reduces costs and delivers efficiencies in their operations, giving them a strategic advantage. Our strong teamwork, expert consultation, technical expertise and hard work allow us to enjoy enduring relationships with many customers.

We are passionate, creative, efficient, humble and collaborative professionals. Our thriving company has been a local success story for 30 years. We are headquartered in Calgary with



distributed teams across Canada and the US, and have customers in North America, Australia, and Europe.

### **There are so many great things about being part of Enrich:**

- Stability of an established, successful company – we celebrated our 30th year in business in 2020 – combined with a small company culture of innovation, collaboration and friendliness
- Visibility and access to senior leadership
- Opportunity to work on a variety of projects and systems
- Latitude to search for and implement improvements and innovations
- Work with a team of brilliant experts who love to help each other
- Both in-office and work-from-home options exist currently

### **What will you do?**

- Leverage your experience and collaboration skills to contribute to design and re-architecting discussions, identify and execute POCs to research and evaluate solution options, develop solutions, and deliver results.
- Provide efficient support and troubleshoot problems both internally and externally.
- Develop clean, high-quality code and become an expert on various platform components.
- Review code and designs to improve solutions.
- Work collaboratively and mentor fellow developers.

### **Essential Skills, Qualification, and Experience**

- Minimum 7 years of software development experience
- Expertise in Java and related technologies (Spring, JMX, JNDI, JDBC)
- Experience in designing highly scalable and reliable systems that have a high volume of transactions, from conception to research, POC, design, development, and delivery
- Experience with JavaScript front-end frameworks, such as Ext-JS, Angular JS, and React JS
- Experience consuming, producing, and designing RESTful web services
- Experience working in source code management tools, such as GIT or SVN
- Development experience with:
  - Web application containers, such as Tomcat, WebSphere, Jetty
  - Persistence frameworks, such as Hibernate and MyBatis
  - Relational databases, such as DB2, SQL Server, MySQL
  - Operating systems Linux or Unix
- Strong application of software engineering fundamentals, including data structures, design patterns, testing, and debugging
- Ability to quickly learn new technologies and apply to work
- Excellent verbal and written communication skills



- A positive, collaborative, and cooperative attitude
- Post-secondary education in Engineering or Computer Science

## Nice to Have Skills and Experience

- Experience profiling applications to troubleshoot issues, monitoring system performance (CPU, memory, processes, threads, network, etc.)
- Experience with solutions utilizing microservices architecture (container and orchestration technology), event streams (message bus, queues), API gateway, and scalable databases, such as Kubernetes, Docker, ESB, JMS, Rabbit MQ, Kafka, No SQL databases, Azure API Management
- Experience with technologies for clustering and load balancing
- Experience re-architecting and transitioning monolithic architecture to newer versions of the system to improve reliability and scalability
- Experience in mobile application development (Android and iOS) or a desire for learning
- Experience with build & release management using technologies, such as Hudson and Jenkins
- Experience with build tools, such as Ant, Gradle, or Maven
- Development experience with IBM i
- Experience with test automation platforms, such as Selenium and JUnit
- Experience with business process modelling notation and execution solutions, such as BPMN and BPEL
- Understanding of industry standard products, protocols, processes, methods, and tools
- Development experience with an OSGi framework, such as Equinox
- Experience with creating and maintaining plug-ins using PDE (Plug-in Development Environment)
- Experience working with Eclipse IDE
- Experience in the following domains: transportation, truck lease rental, fleet management (e.g. TMW, Mcleod), shop management, material accounting, financial accounting, ERP (e.g. SAP, JDE)