



<b>Title</b>	Senior Developer
<b>Location</b>	New Delhi
<b>Reports to</b>	Development Head

## **“The Trusted Provider of Global solutions in Custody, Corporate Actions and Investment Management”**

Information Mosaic (IM) is a global leader in providing advanced custody and corporate action solutions for the global securities services industry.

The company is headquartered in Dublin, Ireland and serves its European, Scandinavian & North American customers from its offices in Luxembourg, London, New York, Boston and New Delhi. IM brings to market new low cost of ownership technology solutions for global corporate actions and custody processing.

### **Role Overview**

The Engineering team consists of 45 developers who together are responsible for the design, implementation and maintenance of the market-leading Corporate Action and Custody application products, CAMA and Converge-e respectively. The Engineering team is structured by application with two core teams – CAMA and Converge-e. There is also a separate Architecture team. The core middleware technologies used are J2EE (EJB, JMS, MDB), Oracle (9i, 10g), MQ and XML, running on a variety of operating systems and middleware products.

We are looking for a **Senior Developer** to join the CAMA development team, to design and implement the next generation of features for the application as well as support and maintain existing client releases. The role offers extensive business and technical challenges in a highly dynamic and collaborative work environment. A passion for quality and a sense of pride in your work are an absolute must for the role.

The business domain (Corporate Actions) is highly complex, and an interest in the business domain is an absolute necessity for the role. The role offers the right candidate opportunities to take ownership of components within the system.

### **Key Responsibilities**

- Complete ownership of the design and the implementation (estimation, breakdown of tasks) for complex business functional specifications through the full software development lifecycle.
- Complete ownership of maintenance and support issues as they come up during the project lifecycle – pre and post go-live. Provide technical assistance to other teams – support, QA, business analysis.





- Ability to work with remote team in a distributed development model.
- Evaluate, apply & lead adoption of new technologies and tools within the IM Development team and across the organisation to provide productivity, efficiency and scalability benefits.
- Collaborate and share technical and business knowledge to all members of the Development and wider IM organisation.
- Agent of constant improvement – within development and across the company.

#### **Experience Required:**

- B Tech./ M Tech / MCA degree in an IT/ Computer Science or related course is a prerequisite
- At least **6+** years of relevant experience in JAVA/ J2EE developing multi-tier enterprise object-oriented applications.
- At least **3+** years of working experience in developing & designing scalable & high performance frontends / UI for web applications.
- Experience in leading a development track using agile methods to deliver scalable & secure Web 2.0 applications.

#### **Technical Skills & Domain knowledge**

- Proficiency in at least one of the J2EE - Application Servers listed below (available in the Technology. Application Platforms segment): BEA Weblogic, IBM Websphere, JBoss / Tomcat with proven experience in JSP/Servlets & web technologies.
- Experience in developing simple to moderate complexity application using AJAX. Demonstrates high level proficiency in one of the Java - Web Presentation Frameworks listed below (available in the Technology. Front End Development segment): Java - JSFs, Java - Struts, and Java - Spring MVC.
- Proficiency in at least one existing AJAX framework (such as, Google Web Toolkit (GWT), DOJO, EXT-JS, Yahoo Widgets, etc.). **GXT/GWT experience is a big advantage.**
- Expertise in Javascript, CSS, JSP, JSON, JQuery is required.
- Has successfully used Spring framework in at least one project and in-depth knowledge of using IOC, Spring JDBC, Spring MVC, ORM.
- Uses best practices during web services implementations and works with the following standards: WS-I standards (interoperability), Java API for XML-based RPC (JAX-RPC), JAX WS, REST, SOAP, WSDL, and UDDI. **Experience in developing RESTful clients is an added advantage.**
- Is able to design and implement security features for a J2EE application
- Deep diagnosis skills & experience working with legacy code.
- Understands and applies J2EE design patterns, GoF, GRASP and other design patterns. Participates in activities using UML notations pertaining to use cases, class diagrams, collaboration diagrams, activity diagrams and sequence diagrams. Additionally, proactively creates deployment diagrams, composite diagrams (packaging diagrams), object diagrams, timing diagrams and state diagrams using UML notation
- Successfully performs in more than one of the following areas: MVC patterns, caching patterns, threading patterns, validation patterns, Internationalization, Client Memory Management techniques, lazy loading techniques and profiling methods.
- Tooling/Testing





- Expertise in Unit testing using JUNIT, TestNG, Cactus or mock objects
- Experience in automated acceptance tests (Selenium, Concordian)
- Expertise in SVN, branching, code management
- Demonstrates ability to use an IDE and mentor others in the use of an IDE. Is able to use Java Compilers, Build Tools like Ant or Maven and troubleshoot build issues.
- Understands fundamentals of JVM memory management,
- Processes
  - Applies relevant methodology, processes, tools and technology standards depending on the project requirements & ensures process compliance.
  - Agile development methodology such as SCRUM, XP
  - Good working knowledge of Test Driven Development & Continuous Integration
  - Working with remote teams an advantage
  - Min 5+ years working with cross functional teams (BA, QA, Support)
- Performance Engineering
  - Can explain performance and capacity planning concepts and processes.
  - Can performance tune web applications using various runtime tools provided for J2EE stack & web applications.
  - Can participate in profiling an application for page size, network bandwidth, thread management, resource locking, memory and CPU profiling, I/O profiling, race condition management, TPM-C /SpecJ JOPS measurement. Working knowledge of profiling tools such as JProbe, JProfiler, HP JMeter.

**Desirable Certifications:**

- J2SE Programmer, J2SE Developer

**Personal Attributes:**

- Significant customer service focus
- Very strong analytic problem-solving skills
- Proven ability to collaborate in a team environment
- Strong inter-personal skills with practical, can-do approach
- Relentless in the pursuit of quality and excellence
- Proactive work ethic
- Personal time management and ability to complete short duration (one week) individual work assignments without daily supervision

