



<b>Title</b>	Specialist
<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 **Specialist** to join the CAMA development team, to provide in-depth technical expertise to lend support to the delivery of complex solutions on J2EE application server platform. The specialist is considered as a SME (Subject Matter Expert) in defining environments, diagnosis of production issues related to application servers, installation, deployment models, Performance Tuning, Load Balancing, Monitoring, Failover and High Availability.

The role offers extensive technical challenges in successfully implementing high volume, complex and scalable enterprise applications. A passion for technology, problem solving and a sense of pride in your work are an absolute must for the role. The role offers the right candidate opportunities to serve as one of the selected individuals across his organization for troubleshooting application server / JVM production crashes and other critical events in the hour of need. The role also requires frequent travel to customer site for managing server deployments, installations & solving technical issues.





### **Key Responsibilities**

- 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.
- Complete ownerships of deployment models, environment oversight to define a successful model for hosting development, Q A and production environments.
- Represents the organization in customer-facing communication pertinent to IM’s technical expertise on the specific J2EE application servers & platform.
- Troubleshoots performance issues. Troubleshoots complex technical issues on projects (act as a “consultant” to the project)
- Ability to work with remote teams in a global development model.
- Collaborate and share technical knowledge to all members of the Development and wider IM organisation.
- Supports capability building for the organization (tutorials, white papers etc) in their areas of expertise. Develops and promote architectural best practices and standards
- Stays abreast with the current affairs of their specialization in terms of leading J2EE application server s and vendors, forthcoming architectures and deployment trends, and knowledge of existing and forthcoming standards.

### **Experience Required:**

- B Tech./ M Tech / MCA degree in an IT/ Computer Science or related course is a prerequisite
- Minimum 5 years of experience in working within an IT environment with 3 years’ operating/implementing JAVA/ J2EE multi-tier enterprise object-oriented applications.
- Minimum 3 years experience working in the middleware administration arena.

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

- Proven track record in the administration and maintenance of both the IBM WebSphere (Application server and Process server) and the Oracle / BEA WebLogic middleware platforms.
- Identifiable experience in the installation and maintenance of middleware software.
- Identifiable experience in the diagnosis and resolution of application performance bottle necks within the middleware and host operating systems.
- Proven track record in the administration of both the UNIX and Windows host operating systems used in the support of the web middleware platforms.
- 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.
- Proficiency in administration of one of the Messaging Systems listed below (available in the Technology Integration segment): JMS, MQ, Tibco.
- Sound knowledge of UNIX, ANT/Shell Scripting, Jython, Jacl, WASADMIN scripting, WLS scripting.
- Good knowledge of JMX, JMDK, System and Application Monitoring, Diagnostic collection is an advantage.
- Analyze and troubleshoot application system problems and determine causes; such as new configurations, software, or scripts, as required, and mitigate future occurrences





- Install and maintain OS, application servers, web servers, other components along with detailed documentation describing implementation operational procedures. Responsible for applying patches, installing package and firmware etc
- Production Support
  - Provide support for the production environment. Ensure application is set up and running.
  - Provide application deployment support, and additions and changes to deployment environments.
  - Must be able to manage live sites
- Must have experience build and release related activities and Automation of such activities
- Should have good knowledge of any RDBMS
- Performance Engineering
  - Can explain performance and capacity planning concepts and processes.
  - Must have in depth knowledge on Load Balancing, Failover & High Availability concepts and should be able to implement the concepts on Websphere/Weblogic platforms.
  - Can performance tune applications using various runtime tools provided for J2EE stack.
  - Can participate in profiling an application for 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.
  - Can carve out critical transactions of the system and map them to user and volume load. Can map out various performance criteria for critical transactions and generate inputs for generating the JOPS/TPM-C statistics.
  - Can do Hardware Sizing for web Servers, Application Servers based on volumes

**Desirable Certifications:**

- IBM Certified WAS administrator, BEA/Oracle Certified Weblogic Administrator

**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

