

JOB SPECIFICATION

TITLE: Senior Java Developer

DIVISION: Operations

REPORTING TO: Team Leader

SUMMARY:

Envitia requires an experienced, hands-on Java Web Service Software Engineer

The candidate must be a clear thinker with excellent analysis, problem solving & communication skills and have **significant experience of developing, fast, highly transactional, multi-threaded server side applications and experience with high performance scalable web based systems.**

COMPANY OVERVIEW:

Envitia is a leader in geospatial and environmental information systems and technology for mission and business critical applications. With an increasing solution portfolio, we are seeking additional senior software engineers to join the G&U development team. Further Company details can be found at www.envitia.com.

EXPERIENCE & SKILLS:

- Minimum Qualifications : Sun Certified Java Programmer or Developer (SCJP/SCJD) and Sun Certified Web Component Developer (SCWCD)
- Minimum of 5 years experience in Java Enterprise technologies (J2EE) within a recognised business environment.
- A minimum of 5 years experience in object oriented design and development using industry recognised tools and techniques. Expertise in J2EE design patterns and UML design methodology.
- Minimum of 3 years experience using Apache Tomcat or similar Application Servers.
- Minimum of 2 years experience using Web Service technologies including JAX-WS, SOAP and JAXB.
- Experience of using Java based GIS tools such as GeoTools and GeoServer is highly desirable.
- A good understanding and practise of configuration management techniques/tools. Rational Rose, Enterprise Architect or StarTeam experience would be advantageous.
- A good understanding and practise of development tools that assist quality and performance of development activities. Familiarity with Code coverage tools, continuous integration, profiling would be advantageous.

Mandatory Skills:

Languages:

Java

Technologies, tools:

J2EE

JUnit

Extensive experience of writing JSP's and Servlets

XML, JDBC, JAX-WS, SOAP, RESTful services

HTML/CSS, JavaScript (AJAX), JSON, JSON-RPC

Development environments/building tools:

Eclipse/NetBeans, Ant, Maven

UML, Design Patterns, Microsoft Visual Studio

Web container: Tomcat

OS knowledge: Windows

Desirable Skills:

JMS, Spring development model and AOP, Hibernate

OpenLayers, dojo

GeoTools API

Good knowledge of SQL

Web servers/containers:

Apache, Glassfish/JBOSS/Weblogic/WebSphere

clustering, load balancing experience

Agile development methodologies

Database experience

Oracle Spatial

SQLServer 2008

GIS domain experience

PERSONAL ATTRIBUTES:

- Strong communication skills, both written and verbal
- Strong ability to work effectively from defined specifications, with minimal additional input
- Strong problem solving skills that provide flexible and well considered solutions
- Well organised

WORK LOCATION:

- Primarily based in Envitia's offices in Horsham, West Sussex.
- Occasional need to work at customer site for short periods, for example during system integration and acceptance, or when providing consultancy services.