Job Title	Date
Java Technical Lead	March 2014
Department	FLSA
Software Development	Exempt
Supervisor	Employment Status
Director of Enterprise Architecture	Full Time

Purpose

As a core member of the Software Development team, the Java Technical Lead will be primarily responsible for leading the design and development of software solutions to build, and optimize, highly scalable, web-based multi-tenant applications that are utilized by national associations and agencies of higher education, colleges and universities.

Accountabilities

- Design and develop enterprise grade, high-volume web applications platforms and state of the art technical solutions leveraging Java and JEE platform technologies.

- Participate in design discussions and solution design sessions with product management and software development teams to shape new product features and platform capabilities.

- Develop and support JMS based integration solutions, and API (based on REST principles and architecture) for internal applications as well as 3rd party systems integration scenarios.

- Contribute to the evaluation, prototyping and selection of software solutions from time to time to make recommendations to enhance performance and scalability of our flagship products.

- Apply Test Driven Development practices and software quality measurement tools such as SonarQube or Coverity to improve quality of software delivered.

- Provide hands-on guidance and mentorship to the Java development teams.

- Foster and support culture of innovation and excellence in the engineering organization.

Position Requirements

- Bachelors or Master's Degree in Computer Sciences or IT.

- Demonstrable fluency in standard JEE technologies - JSF, JSP, JMS, JAX-RS, JTA and JPA.

- At least 2-3 project implementation experience in one or more spring framework modules - Spring MVC, Spring Security, and Spring Integration frameworks.

- Solid Hibernate - JPA development and SQL query writing skills.

- Expertise in developing RESTful API/Web Services using at least one or more frameworks - JAX-RS, Apache CXF, Jersey, Spring Web Services, or Restlet.

- Deep understanding of Java enterprise development best practices and coding conventions.

- Solid understanding of enterprise integration patterns and ant-patterns.

- Proficient in JBoss AS7 and ESB/Apache Mule implementation and administration.

- Experience with HTML5/Twitter Bootstrap, jQuery or other JavaScript libraries.

- Advanced knowledge of Microsoft SQL and any one no-SQL databases, such as Mango DB.

- Good understanding of source control systems (Subversion / Git a plus).

- Ability to work well independently and within a team.

- Experience from Test Driven Development.

- Excellent written and verbal communication skills.

- Possess an ability to handle change and to multitask.