

MDA Corporation

PLEASE READ THE JOB DESCRIPTION AND THE PRE-EVENT VIDEO INTRODUCTION QUESTIONS BELOW BEFORE PAYING FOR YOUR VIDEO PROCESSING FEE

Software Engineer

Location: Canadian Space Agency, St-Hubert, QC

MDA Geospatial Services is strengthening the software development team in support of Radarsat-2 and Radarsat Constellation Mission (RCM) satellites operations in St. Hubert, QC. Radarsat-2 is a Canadian commercial satellite and provides high-resolution SAR imagery to customers around the world. The Radarsat-2 team is looking to maintain and enhance the suite of Radarsat-2 Web Services. RCM is a constellation of 3 satellites which provides high-resolution SAR imagery.

The Software Developer will work under the supervision of the Lead Software Engineer to maintain and to provide upgrades to existing web services and web applications using established software engineer principles and software configuration management techniques. The Software Developer will also be taking part in the maintenance and support of different Ground System applications associated with the RCM mission.

This position is located at the MDA Control Centre, Canadian Space Agency Headquarters, in St Hubert, PQ.

Job Description

Primary responsibilities:

Perform software engineering to develop and to maintain new and existing web service applications for RADARSAT-2: designs system enhancements, propose and execute implementation and test plans on one or more web services

Perform software engineering to develop and to maintain ground system applications for RCM Interact with operations team to provide support.

Document the various software development phases such as requirement, design, test plan, and maintenance plan.

Secondary responsibilities:

Tool development to support Mission planning system maintenance and automation
Other duties as needs, priorities, and skills allow.

Qualifications and Competencies

Completed post-secondary education (B.Sc, M.Sc. or equivalent) in Computer Science, Computer Engineering or related discipline. IT Diploma and experiences will also be considered.

3-5 years related experience in software development preferred

Knowledge of Java, C++, JavaScript, Java EE, Web Services, SQL, Glassfish, Apache Tomcat, Maven, Netbeans, Eclipse, Visual Studio and SVN

Knowledge of SOAP web services

Experience with issue tracking tool (e.g., Jira)

Experience with Perl, Python, C#, XML, MS SQL Server, PostgreSQL and Jenkins would be an asset. Good team player with excellent written and verbal communication skills.

Initiative, follow-through and excellent organizational skills.

Able to solve problems in an operational environment, specifically with time and security constraint.

The candidate must be able to qualify for a secret clearance

PRE-EVENT VIDEO INTRODUCTION QUESTIONS:

- 1) Please tell me about yourself.
- 2) What makes you the best choice for this position?
- 3) Tell me about a specific time when those with whom you were working could not agree upon the course of action. How did you approach the situation?

Registration is now closed