

# Senior Software Programmer – DSEF

## Company Overview:

KWESST develops and delivers next generation military and public safety technology for military and first responder customers. The company is proudly Canadian and provides Dismounted/Mounted Domain Expertise in Command-and-Control software development, integration, and support services.

## Job Description:

KWESST is seeking a highly skilled and experienced Senior Programmer to become a part of our team. This position will be to support the Canadian Armed Forces as part of the Director Land Command Support Program Management (DLCSPM) of the Department of National Defence's (DND's) Software Engineering Facility (DSEF) program in Gatineau, Qc.

The ideal candidate should come with a solid background in software programming with several high-level languages. Core responsibilities will involve supporting the design and implementation of DND's Command and Control Specialty Applications, with a focus on maintaining the reliability and scalability of these applications. This important role will contribute to our mission of developing state-of-the-art software solutions for the Canadian Armed Forces.

## Job Responsibilities:

1. Design detailed programs, flow charts, and diagrams indicating mathematical computation and sequence of machine operations necessary to copy and process data and print the results.
2. Translate detailed flow charts into coded machine instructions and confer with technical personnel in planning programs.
3. Design methods and procedures for small computer systems, and sub-system of larger systems.
4. Select and incorporate available software programs.
5. Verify accuracy and completeness of programs by preparing sample data, and testing them by means of system acceptance test runs made by operating personnel.
6. Correct program errors by revising instructions or altering the sequence of operations.
7. Test instructions, and assemble specifications, flow charts, diagrams, layouts, programming and operating instructions to document applications for later modification or reference.

8. Create and modify code and software.
9. Create and modify screens and reports.
10. Produce forms, manuals, programs, data files, and procedures for systems and/or applications.

**Qualifications:**

**Experience:**

Demonstrated experience in the following criteria:

1. Using at least 1 of the following high-level languages (ADA (95, 05 or 2012, Java, C++, or C#).
2. Using CASE tools (e.g. Rational Team Concert, JIRA).
3. Using a client mandated Software development process (e.g. Scaled Agile Framework (SAFe))
4. Performing object-oriented analysis and design.
5. Defence systems project experience on military and military command and control software systems.
6. Demonstrated experience as a Software Programmer within an Integrated Product Team (IPT) for an onsite client.
7. Strong problem-solving and troubleshooting abilities.
8. Effective communication and collaboration skills.
9. SECRET security clearance (or the ability to obtain one) is a must.

**Education:**

A Bachelor's degree or College Diploma in Engineering or Computer Technology field.

**Skills:**

- Scripting and Automation
- SAFe-Agile practices
- Security and Compliance
- Monitoring and Logging
- Problem Solving
- Collaboration and Communication

**How to Apply:**

If you have a strong passion for critical software development and are eager to join the dynamic team at KWESST for this position, which is located at the DND facilities in Gatineau, QC, we invite you to submit your resume to [employment@kwesst.com](mailto:employment@kwesst.com). Please make sure to emphasize your pertinent experience and any certifications you hold.

**KWESST** is an equal opportunity employer and is committed to providing equal employment opportunities to all qualified individuals regardless of race, color, religion, sex, gender identity, sexual orientation, marital status, national origin, age, disability of any other protected status under applicable law. We celebrate diversity and are dedicated to creating a work environment that is inclusive and welcoming to all, including LGBTQ2S+ individuals. Our hiring decisions are based on qualifications, merit, and business needs. In every step of the interview procedure, KWESST is committed to providing accommodations.