

Senior Python Developer / Technical Lead Full-Time — Permanent Position

CRIM (<http://www.crim.ca/en>) is an applied research and expertise centre in information technology which develops, in collaborative mode with its customers and partners, innovative technologies and cutting-edge know-how, and transfers them to Quebec businesses and organizations in order to make them more productive and more competitive locally and globally.

You will be required to work in different areas of CRIM's expertise including the processing and analysis of natural languages, data science, artificial intelligence, computer vision and geospatial. You might, for example, be called upon to work on projects in speech and speaker recognition, semantic text analysis and even in earth observation.

You will have the opportunity to use your know-how and your leadership by participating in the design, development and operationalization of various solutions within multidisciplinary teams. The purpose of this position is to strengthen CRIM's software development team which aims to be transversal to all of its areas of expertise.

Your Main Responsibilities will be

- **Act as a leader and mentor** in order to coach and support other team members.
- **Cover all stages of software engineering such as:** analysis, architecture, design, development, test and delivery.
- Solve potentially complex problems
- Address any issue to the project manager and/or supervisor.
- Collaborate with CRIM developers, researchers as well as with industrial partners.
- Work on several projects simultaneously.
- **Evolve in a dynamic and stimulating environment.**

Requirements

- **University degree in computer science, software engineering or computer engineering;**
- **Minimum of seven (7) years** as a software developer within a team;
- Must have excellent time management and good interpersonal skills;
- Must have an advanced knowledge of the **Python language, and its main "frameworks" and tools;**
- Proficiency in **relational and NoSQL databases;**
- Knowledge of software architectures including service-oriented architecture with REST;
- Practical experience with **development and continuous CI/CD integration techniques;**

- Practical experience with **DevOps**;
- **Fluency in written and spoken French and English.**

Preferred Qualifications (Assets)

- Experience with Ansible, Docker, Elasticsearch, Kubernetes, OpenStack, Postman (or Swagger), Swarm or with similar tools;
- Intermediate knowledge of JavaScript, Java and C++ languages;
- Proficiency with UML;
- Knowledge of agile-Scrum methodologies.

Aptitudes

- **Strong interest in data science (Big Data), machine learning and artificial intelligence;**
- Keep abreast of new technologies and development best practices aimed at ensuring the efficiency and systems resilience;
- Autonomy and team spirit;
- Rigour and professionalism;
- Versatility.

Good Reasons for Joining CRIM's Team

- Reap the benefits of an outstanding work atmosphere characterized by mutual support and good humour.
- Work alongside passionate people in a collaborative setting.
- Maintain work/family life balance with flexible hours and remote work via telecommuting.
- Benefit from various attractive employment conditions (comprehensive group insurance program, RRSP and holiday).
- Benefit from the proximity of public transport (metro and train station nearby).

This position is to be fulfilled now. Apply directly to emploi@crim.ca, or use our online form.

Join CRIM's team and work with dynamic and passionate people!