2018-00666 - Software developer M/F

Contract type : Public service fixed-term contract
Level of qualifications required : A levels + 2 years of higher education or equivalent
Fonction : Temporary scientific engineer

About the research centre or Inria department
The Inria Lille - Nord Europe Research Centre was founded in 2008 and employs a staff of 360, including 300 scientists working in sixteen research teams. Recognised for its outstanding contribution the socio-economic development of the Nord - Pas-de-Calais Region, the Inria Lille - Nord Europe Research Centre undertakes research in the field of computer science in collaboration with a range of academic, institutional and industrial partners.

The strategy of the Centre is to develop an internationally renowned centre of excellence with a significant impact on the City of Lille and its surrounding area. It works to achieve this by pursuing a range of ambitious research projects in such fields of computer science as the intelligence of data and adaptive software systems. Building on the synergies between research and industry, Inria is a major contributor to skills and technology transfer in the field of computer science.

Context
We are building the next generation of cloud management platform software.

XScalibur wants to become the next leader in multi cloud management. It is funded by 2 fun and hard worker team mates. We believe infrastructure management software should be extremely easy, performant and efficient. We are committed to solving real life customer challenges with cutting-edge technology and disruptive products.

The start-up is hosted at Inria

7 reasons to work @ XScalibur :
- Work on the best technology with the best technologists
- Be a strong voice in the product development lifecycle
- Work with an amazing team in an friendly environment in Lille
- Contribute to the start-up value and its product strategy
- Learn new things everyday
- Attractive salary and benefits package
- Build a software product for developers, DevOps and Cloud Architect

Assignment
- Work with the team to develop and improve new cloud services integrations (AWS, OpenStack, Google Cloud, monitoring services)
- Create, develop and scale features from idea to production usage
- Optimize APIs for performance, flexibility, and maintainability
- Review code contributed by the rest of the team and work with them to get it ready for production
- Create and maintain documentation around APIs and configuration to help our users adopt the product
- Take initiative in improving the software in small or large ways.
- Keep code easy to maintain and keep it easy for others.
- Give back to the community by contributing to open-source projects
- Contribute to various components in a large codebase

Main activities

General Information
- Theme/Domain : Distributed Systems and middleware
- Software engineering (BAP E)
- Town/city : Villeneuve d’Ascq
- Inria Center : CRI Lille - Nord Europe
- Starting date : 2018-02-01
- Duration of contract : 11 months
- Deadline to apply : 2018-06-30

Contacts
- Inria Team : SPIRALS
- Recruiter : Gourdin Christophe / christophe.gourdin@inria.fr

The keys to success
Motivation, team worker and self-learning is essential to success on this job.

About Inria
Inria, the French National Institute for computer science and applied mathematics, promotes "scientific excellence for technology transfer and society". Graduates from the world’s top universities, Inria’s 2,700 employees rise to the challenges of digital sciences. With its open, agile model, Inria is able to explore original approaches with its partners in industry and academia and provide an efficient response to the multidisciplinary and application challenges of the digital transformation. Inria is the source of many innovations that add value and create jobs.

Conditions for application
Seront traitées prioritairement les candidatures avec un dossier complet : CV + lettre de motivation

Defence Security :
This position is likely to be situated in a restricted area (ZRR), as defined in Decree No. 2011-1425 relating to the protection of national scientific and technical potential (PPST). Authorisation to enter an area is granted by the director of the unit, following a favourable Ministerial decision, as defined in the decree of 3 July 2012 relating to the PPST. An unfavourable Ministerial decision in respect of a position situated in a ZRR would result in the cancellation of the appointment.
The developer will realize the development of the software product of the start-up and will realize the technical specifications and user documentation.

The developer will be force proposal to improve and maintain the software.

The work to be carried out under this heading mainly includes the development of cloud connectors (AWS, OpenStack), the development of user interfaces (HMI) and usage demonstrators.

**Skills**

- Java development
- Algorithmic knowledge and data structures
- Software Development best practices: Continuous Integration, Testing, javadoc etc...
- Rigor, sense of organization, autonomy
- Cloud knowledge is a plus
- Fun, creative, hard worker, team player, coffee addict

**NB :** We attached more importance on your personality and hard motivation rather than your master degree.

**Benefits package**

- Possibilité de restauration sur site
- Prise en charge partielle des frais de transport en commun

**Remuneration**

Le poste est ouvert :

- en CDD fonction publique, rémunération selon expérience entre 30 000 € et 40 000 € annuel bruts

**Recruitment Policy :**

As part of its diversity policy, all Inria positions are accessible to people with disabilities.

**Warning :** you must enter your e-mail address in order to save your application to Inria. Applications must be submitted online on the Inria website. Processing of applications sent from other channels is not guaranteed.