

The successful candidate will be based in our main office at Sint-Stevens-Woluwe (Brussels Area).

The position is in the Earth Observation Systems Team (Systems Department, Ground & Software Division). In the division (comprises of 12 persons), software is developed to build complex cloud based big data processing frameworks. The target audiences for the framework are scientific algorithms developers, data analysts and service providers willing to implement process/business workflows, taking advantage of cloud computing.

The software framework is primarily used for building systems for processing Earth observation data from satellites. It is to be included in satellite ground segments and data processing facilities offering massive systematic and automated data processing.

The candidate will mainly report to the Earth Observation Systems Team Lead.

Tasks and Responsibilities

Among the candidate's tasks and responsibilities:

- Designing and developing distributed data processing platforms and services
- Applying cloud-based distributed processing and Big Data methods and technologies to develop the framework
- Configuring and deploying application workflows for automated and on-demand satellite data processing
- Setting-up and maintaining Linux-based distributed processing environments
- Providing technical support to platform users through service helpdesk.

Qualifications and Experience

- A Master's Degree in a relevant discipline, such as Computer Science, Software Engineering
- Experience with object-oriented programming especially on Web applications and services (preferably with Python, JS, Go)
- A proven experience with the software development lifecycle
- Good knowledge of Linux systems as user and administrator
- Knowledge of/Experience with cloud related techniques and tools (e.g. Apache Spark and Hadoop, Ansible Playbooks, Docker, Kubernetes, Marathon/Mesos, OpenStack).

Space Applications Services NV/SA

Leuvensesteenweg 325
1932 Sint-Stevens-Woluwe
(Brussels Area)
Belgium

+32 (0)2 721 54 84

info@spaceapplications.com
jobs@spaceapplications.com

www.spaceapplications.com
www.icecubesservice.com

Software Engineer (M/F)



2018-025-BE-SYS-EOS-SE

Candidates will have the following skills

- Strength to cope with schedules and deadlines
- Ability to synthesise, summarise and draw conclusions
- Ability to adhere to strict standards of confidentiality
- Ability to work in distributed international teams
- Excellent organisational and communication skills
- A proactive approach, with initiative and ability to work independently
- Excellent written and spoken English.

What Do We Offer?

- Working in a growing company located in Belgium, Germany, the Netherlands and the USA
- A professional, pleasant atmosphere with motivated and passionate staff, where autonomy and initiatives are encouraged.
- An interesting remuneration package with a relocation allowance, if applicable
- A full time employment position

Candidates shall be eligible to work in the European Union or in possession of a European Blue Card for two or more years.

We are looking for someone to start as soon as possible

- Send your CV and Motivation Letter (both in English) to jobs@spaceapplications.com
- For this position, the contact person is **Mr. Bernard Valentin**.

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