

Space Applications Services NV/SA is a dynamic international company with 30 years experience in performing and supporting system and software engineering for the European Space Agency (ESA), National Space Agencies and the aerospace industry. We work on international manned & unmanned spacecraft programmes, earth observation, science, exploration, communications and related technology development.

We are looking for a:

## Software Engineer for Mission Planning Software Development (M/F) (SE-SYS-CDC-2017-11-HQ-003)

The successful candidate will be based in Sint-Stevens-Woluwe, Brussels area, and may be required to travel abroad for meetings.

### Tasks and Responsibilities

The successful candidate will join the Control and Data Centres team, whose activities cover the development of ground control systems, controlling the experiments done on board of the International Space Station, and different future space crafts, as well as the development of space weather related systems.

The initial assignment is the development of mission planning software for the European Space Agency and NASA. Experiments and activities in the International Space Station have to be designed carefully, taking into account the specific mission and resources constraints including the availability of astronauts. In addition, ESA and International Partners have to coordinate their plans constantly to avoid scheduling or resource conflicts. In this activity, the software is developed using an agile method.

### Qualifications and Experience

For this position

- A Master's Degree in Computer Sciences or equivalent
- 2 to 5 years of experience in design and development of software implemented in Java and/or Python
- Experience with the software development lifecycle
- Fluent with relational databases and SQL
- Competent in writing high-quality software project documentation in English
- Good knowledge of Linux systems as a user and administrator
- Good understanding of IP networks (firewalls, VPM, PKI, routing) and Open Source Server environment (OpenLDAP, FTP, Samba)

The following skills will be considered as an asset

- Experience with Python, Django framework, development of enterprise software, modern frontend programming, especially ES6 and React
- Knowledge and experience with ECSS E-40 standard.

### Candidates will have the following skills

- Competence with system deployment and orchestration tools: Docker, Ansible
- Ability to cope with schedules and deadlines, be able to synthesise, summarise and draw conclusions
- Ability to work in distributed international teams
- Excellent organisation and communication skills
- Fluency in English (written and spoken).

### What Do We Offer?

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

Preference will be given to candidates 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 of **as soon as possible**.

### How To Apply?

- Click on the "Apply" link for this position on our website: <http://www.spaceapplications.com/careers/>.
- Include your CV and Motivation Letter (both in English) and send to [jobs@spaceapplications.com](mailto:jobs@spaceapplications.com).  
For this position the contact person is **Mr. Rani Pinchuk**.

The application deadline is 4<sup>th</sup> **December 2017**.