



HE Space is a successful international space company. For 40 years, we have been supporting our customers with qualified experts in the field of engineering, science and administration. HE Space has joined forces with CS Group to lead the engineering and digital space market in Europe and to provide highly skilled consulting.

I&V Engineer

Key Tasks and Responsibilities

As part of the Team, you will have the following responsibilities:

- Support in I&V of complex systems or relevant certifications for example ISTQB
- Support with requirements and verification management
- Formal testing at component and system level
- Formal testing of software services
- Creation of suitable test cases, documentation and their execution
- Experience in benchmarking and stress testing
- Structured software development and verification
- Software maintenance, performance monitoring

Skills & Experience

You will have the following qualifications and relevant experience:

- Near real-time, Earth observation data processing, archiving, distribution, data access
- ECSS standards
- Experience in operational environments under strict change control
- Configuration control

Optional:

- Satellite monitoring and control (e.g. SCOS-2000)
- Mission control functions
- Satellite communications (packet TM/TC, PUS, SLE protocol)
- Ground Station monitoring and control
- Ground System monitoring applications
- Scripting languages in a Linux environment
- Programming languages: C/C++, Java, Javascript, XML, Perl, Tcl/Tk
- Operating systems: UNIX/Linux and Windows
- Proficiency in scripting languages in a UNIX/Linux environment;
- Relational databases: MySQL, Oracle, PostgreSQL
- Networking: Internet protocols, TCP/IP programming, network monitoring
- Automated Testing
- Requirements and verification management using DOORS
- Experience in using version control systems such as git or similar
- Experience in using virtualization and containers (i.e. Docker) tools for testing database migration

Passionate about people and passionate about space

Knowledge of the following tools and technologies will be considered an advantage, but not mandatory:

- Selenium WebDriver, Robot Framework, Spock, QFS-Test, Jenkins, Valgrind
- testing of SQL and NoSQL databases
- tools for testing database migration
- techniques of testing applications deployed in Kubernetes clusters (e.g. how to access logs of Kubernetes pods)

This job is located in **Darmstadt, Germany**.

If you think you have what it takes for this job, please send your CV (in English and in Word or PDF) to Kalina Traykova, by clicking on the button "Apply for this job" quoting job **DE-HP-24108**.

An exciting and dynamic international working environment awaits you!