



## Space System Engineer

### Start-up description

SPiN is a leading provider of modularity solutions for the space sector. It offers satellite integration solutions to transform satellites into modular systems, empowering satellite manufacturers to spend high-value time and money where it counts: pursuing new ventures. More information about SPiN can be found at <http://www.spinintech.com/>.

### Job purpose

The Space System Engineer will be part of SPiN's system engineering team. The person will be responsible for system design, development, and implementation of satellite avionics concepts using MA61C for testing, subsystem integration such as attitude and control system, and complete spacecraft integration. The person will support the development of the new version of MA61C for future activities, including high-rate payload integration and similar.

### Duties and responsibilities

- Analysis and consolidation of mission requirements and end-user requirements
- Analysis and consolidation of Flow down of user requirements to system requirements
- Define the system concept of using modular subsystems in small satellites
- Develop system-level documentation, including ICDs, AIT plans, TPs/TRs, equipment lists, FMECAs, etc.
- Definition of Assembly Integration and Testing (AIT), environmental, and Hardware in the loop (HiL) plan
- Support in the execution of validation and verification plans, AIT, and HiL tests
- Verify that the results comply with the requirements and budgets
- Writing project reports
- Participation in solving interdisciplinary challenges
- Coordination of business and technical proposal opportunities with Italian stakeholders (ASI and similar)
- Support proposal writing
- Attending technical events, if necessary
- Customer support, if necessary

### Qualifications

- MSc in Aerospace engineering or similar
- At least two years of experience in space system engineering
- Experience in business development
- Experience working with system engineering tools
- Knowledge AIT process: manufacture, assembly, electrical, functional, and environmental tests
- Experience developing system-level documentation, including ICDs
- Knowledge of MBSE tools is an advantage
- Experience working with ESA is an advantage
- Fluent in English and Italian

### Working conditions

- Work location: Frascati, Italy
- Start date: Q3 2024

Please fill in the application form to apply for this opportunity: <https://wkf.ms/3rlgV6x>  
For more information, you can contact us at [hr@spinintech.com](mailto:hr@spinintech.com)