

# Software Quality Assurance Engineer

## About us

Skyint is an innovative startup pushing the boundaries of software development in the space industry. We are passionate about space technology, innovation, and software quality. As part of our team, you will play a key role in shaping the future of space exploration through safety-critical, high-tech software development. Our projects range from mission control software systems running on-premises or in the cloud, to on-board embedded software which runs on spacecrafts.

## Role overview

We are looking for an enthusiastic, precise and collaborative Software Quality Assurance Engineer to propel our team to new heights. You will ensure our processes are properly applied to software development projects. You will collaborate with project teams to identify and resolve quality issues while contributing to the continuous improvement of our software development life cycle.

Join us to see and experience software that is rocket science, and where our mission is not a slogan we put on the wall, but an actual spacecraft exploring the universe.

## Key responsibilities

- Develop and maintain project-level software quality assurance (SQA) plans and documentation.
- Create and maintain project quality documentation throughout the software development.
- Define, manage, and track software quality records, ensuring compliance with contracts, standards, and regulations.
- Execute SQA activities, including reviews, code analysis, code inspections, and audits of processes, development and test environments.
- Identify, manage, and resolve software issues, non-conformances, and areas for improvement.
- Evaluate software products, processes, and subcontractor activities for conformance to requirements.
- Perform risk analysis (SCAR, SFMEA) and ensure functional/non-functional requirements are met.
- Collaborate with project teams to address quality issues, report status, and support process improvement initiatives.
- Travel within the EU as required.

## **Job requirements**

- Bachelor's degree in Software Engineering, Electrical Engineering, Information Technology, or a related technical field
- Strong ability to create and interpret technical documentation in English
- 2-3 years of experience in software development
- Self-driven with strong project planning and time management skills
- Strong commitment to software quality and process improvement
- Fluent in technical English, particularly within quality management frameworks and software

## **Preferred qualifications**

- 2-3 years of experience in software quality assurance
- Experience with continuous quality systems (e.g., SonarQube)
- Experience with real-time embedded systems in high-level languages (e.g., C, C++)
- Knowledge of coding standards (MISRA C/C++) or secure coding standards (CERT C/C++)
- Familiarity with embedded processors (e.g., ARM, SPARC)
- Experience in safety-critical industries (medical, railway, automotive, aerospace)

## **What we offer**

- A chance to work on space projects with direct impact on space missions.
- A dynamic, high-tech environment focused on innovation and quality.
- Opportunities for professional growth in a rapidly evolving industry

The offered job is currently full remote, with a hybrid model transition planned to our Budapest office in 2025.