Engineering Technical Writer

Release Date: November 20, 2026

Position

- Title: Engineering Technical Writer
- Dept: HW/SW Engineering
- Reports To: VP of Software Engineering
- FLSA Status: Exempt
- Term: Full-Time
- Telecommuting: Hybrid

Job Summary

Sunhillo is seeking a highly motivated Engineering Technical Writer to support our Engineering organization (both hardware and software) by creating and maintaining technical documentation for mission-critical surveillance, air traffic management, defense, and aerospace systems.

This role will work closely with software engineers, system architects, product owners, project managers, quality assurance personnel, and subject matter experts to develop clear, accurate, and maintainable documentation for software applications, hardware and system architectures, interfaces, APIs, operational workflows, and engineering processes.

The ideal candidate possesses the ability to understand complex software systems and translate highly technical concepts into documentation that supports engineers, customers, integrators, support personnel, and government stakeholders.

Essential Duties and Responsibilities

Technical Documentation Development

- Create, edit, and maintain engineering documentation throughout the software development lifecycle.
- Develop and manage design documentation, system architecture documentation, Interface Control Documents (ICDs), API documentation, user guides, deployment guides, release notes, engineering process documentation, and knowledge base content.
- Ensure documentation accurately reflects system functionality, software releases, and customer requirements.
- Participate in design reviews, technical discussions, and project planning sessions.
- Gather technical information directly from subject matter experts and engineering teams.

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- Develop customer-facing documentation that meets contractual, quality, and compliance requirements.

Quality & Compliance Support

- Ensure documentation aligns with Sunhillo ISO 9001 and ISO 27001 processes and standards.
- Maintain consistency, version control, and traceability of engineering documentation.

Qualifications

Required Education, Experience & Skills

- Bachelor's degree in Computer Science, Engineering, Information Systems, Technical Writing or a related discipline.
- 3+ years of technical writing experience supporting software engineering, systems engineering, aerospace, defense, government technology, or related technical organizations.
- Experience developing technical documentation for software applications, system integrations, or engineering products.
- Exceptional written, verbal, editing, and proofreading skills.
- Ability to communicate effectively with technical engineering teams.
- Proficiency in Office 365, Visio, Adobe

Preferred Experience

- Experience supporting FAA, DoD, aerospace, defense, or air traffic management programs.
- Experience supporting government contracts.
- Experience creating technical manuals, process and design documentation.

Contact

To submit your resume or for further information e-mail employment@sunhillo.com. Alternatively, you may mail your resume to the following address. Remember to identify the position you are applying for.

Human Resources
Sunhillo Corporation
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