



Job Title:	DevSecOps Engineer	Department:	Software Engineering
Reports to:	Director of Software Engineering	Division:	Ithaca, NY
Hours:	Full-time – 40+ Hrs/week	Rev Date:	08-07-2026

Primary Function

This position will work closely with Software Engineering Team, throughout the entire software lifecycle, to oversee the Development and Security Operations (DevSecOps), and the automation of such related activities, for Transonic's software engineering team.

This position will be responsible for testing prototype software, documenting software and cybersecurity verification activities, carry out software Engineering Change Orders (ECOs), and maintain cybersecurity processes and activities, for Transonic's cutting edge products.

This position will be integral in ensuring Transonic software and hardware (for Transonic products) are secured and protected from cyber-attacks and verified to applicable requirements; at time of product release and throughout product lifecycle for New Product Development and Sustaining Engineering products that are used clinically as well as in research areas including: cardiovascular; surgery; interventional radiology; and other such areas.

I. Duties and Responsibilities

- Cybersecurity
 - Work on planning and development of security strategies for product components based on threat models of the systems.
 - Develop understanding of product tech stack vulnerabilities and apply remedies as needed.
 - Planning and overseeing vulnerability testing in our product systems and identifying potential issues and remedies through cybersecurity penetration and integrity testing.
 - Collaborate with the Cybersecurity Incident Response team in identifying, troubleshooting, and resolving security issues discovered in the field.
- DevOps
 - Maintaining the current build system and server.
 - Design, develop, and test software automation tools and systems to support the building and continuous integration processes of software development.
 - Investigate new technologies in computing, cybersecurity, and automation and their potential applications to optimize software development and security processes.
- Software Support and Verification
 - Support software engineers in testing prototype systems and pre-released software.
 - Oversee the assembly of test configurations, benches, and fixtures.
 - Analyze test results for potential bugs/anomalies.
 - Perform regular audits on released software to ensure continuous compliance with requirements.
 - Assist with creation and maintenance of software related documentation, including verification reports.
 - Carry out Engineering Change Order (ECO) activities for the software team.
- Willingness to perform other duties as requested, directed, or assigned by Management.



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II. Working Relationships

- Will directly report to the Director of Software Engineering (or department equivalent) and collaborate with the software engineering team.
- Participation in planning discussions that include discussions of time and complexity estimation of tasks
- Work cooperatively with other departments such as Meter Engineering, Marketing, Customer Service, Purchasing, Quality, R&D and Manufacturing.

III. Education and Experience

- Previous or demonstratable experience in software DevOps and automation tools (i.e., GitLab), and/or
- Previous or demonstratable experience in Cybersecurity.
- BS degree in Computer Science, Information Technology, Cybersecurity, or related STEM field a plus.

IV. Knowledge, Skills, and Abilities

- Self-starter and Self-motivated.
- Good communication skills both written and verbal.
- Can read and evaluate software languages, such as C++, SQL, Python, and XML.
- Ability to write and debug C++ code, a plus.
- Knowledge of Linux operating systems; Yocto a plus.
- Knowledge of scripting tools such as Python, Linux shell scripting, or equivalent.
- Knowledge of networks, data centers, systems and other areas related to cyber security.
- Experience with DevOps tools such as GitLab, Github, Jenkins, etc.
- Experience with software versioning control techniques, git preferred.
- Familiarity with SQL databases and their testing, SQLite preferred.
- Familiarity with software development processes (user needs, requirements, design, etc.)
- Passion for learning new and emerging technologies.

V. Supervisory Responsibilities

- No Direct Reports.

Disclaimer: This Job Description is not intended to be all-inclusive and may be subject to change to include new responsibilities and tasks or change existing ones as management deems necessary to meet the ongoing needs of the company.