

PRODUCT DEVELOPMENT ENGINEER

TechR2 is seeking a skilled and innovative Product Development Engineer to join our growing team. In this role, you will be responsible for designing, testing, and refining technology solutions that meet the evolving needs of our clients. Working closely with cross-functional teams, you will play a key role in advancing product performance, driving innovation, and ensuring alignment with TechR2's mission as a technology solutions provider.

Key Responsibilities:

- Lead product design and development from concept to launch, with focus on cybersecurity asset management solutions.
- Integrate advanced technologies (RFID, NFC, IoT, blockchain, SIEM/SOAR) for secure asset tracking and lifecycle management.
- Collaborate with cross-functional teams to ensure products meet security, compliance, and customer requirements.
- Develop prototypes, conduct testing, and refine designs for scalability, reliability, and adherence to standards (NIST, ISO 27001, R2, EPA).
- Apply secure design practices (encryption, tamper detection, trusted supply chains) and research emerging technologies to strengthen product innovation.
- Partner with suppliers and manufacturers to balance cost-effectiveness with embedded security safeguards.
- Prepare technical documentation, specifications, and test plans to support development and deployment.

Qualifications:

- Bachelor's degree in Mechanical, Electrical, Cybersecurity Engineering, or related field (Master's preferred).
- 3+ years of product development experience, ideally in cybersecurity, asset management, or data lifecycle solutions.
- Proficiency in CAD software, prototyping, validation, and secure product testing.
- Experience with RFID/NFC, IoT asset tracking, blockchain verification, and integration with SIEM/SOAR platforms.
- Knowledge of cybersecurity standards (NIST, ISO 27001, R2) and secure design practices (encryption, firmware, tamper resistance).
- Strong project management, problem-solving, and cross-team communication skills.

Why Join TechR2?

At TechR2, you'll be part of a team dedicated to innovation, client success, and continuous growth. We value collaboration, professional development, and empowering our people to make a real impact. As a Product Development Engineer, you'll drive the design and advancement of secure technology solutions—from concept through launch. You'll collaborate across engineering, cybersecurity, and operations teams to create products that meet rigorous security standards, support asset lifecycle management, and strengthen overall business performance.