

Job Description

Job Title: Senior Director, Product Development

Location: Remote, but prefer Denver, CO or San Jose, CA

Company: Semler Scientific, Inc. (www.semilerscientific.com) is an emerging medical risk-assessment company whose diagnostic and testing products and services help to guide patient care and close the gap between cost of care and compensation for care, collaborating with top health care providers and health plans.

As a small team comprised of mostly remote staff, we seek people that possess a high degree of independence and drive, while remaining collaborative.

Role: Semler Scientific is looking for a business-oriented, hands-on, practical technology expert. The ideal candidate has a broad technology resume in a regulated industry, preferably healthcare and/or medical devices. Further, this position requires not only strength in the software realm, but also in physical product development. Semler's products include: a proprietary patient-interface sensor (medical device), running company-developed firmware, interfacing with the QuantaFlo Application (software), which communicates through Semler's web-services (cloud infrastructure) with back-end systems such as databases and SFTP servers. Thus, strong candidates will have experience across each of these technology layers. Lastly, we're looking for candidates with strength in data security.

Responsibilities:

- Responsible for the architecture, design, implementation, and support of the company's products and technology systems
- Influences the infrastructure strategy, architecture, service delivery, standards, and procedures for the enterprise
- Establish the company's technology vision to support the product roadmap
- Guide the product and systems development processes
- Collaborate across the organization as expert advisor in the company's technologies and products
- Maintain a software development process that meet all applicable data security and stakeholder needs
- Mentoring team members
- Establishing and maintaining budgets
- Defining company standards for systems, equipment, and software
- Staying abreast of current and new industry trends and technologies, including data security threats
- Ensuring company's products, technological processes and service comply with all applicable requirements, laws, and regulations

Skills & Experience:

- Experience in healthcare sector, preferably the medical device industry
- Expertise in data security, such as HITECH/HITRUST (or equivalent security controls), including threat mitigation strategies
- Able to read & write software in various languages, including: C#, Javascript, Java, SQL
- Strong background in database design & support, including MySQL and MSSQL
- Experience with numerical analysis software such as R or Matlab/Octave
- Algorithm development experience a plus
- Experience in the entire lifecycle of cloud, client, firmware software and systems development
- Experience working in Windows, Linux, iOS, and Android Operating Systems
- Proven ability to conceive of software and hardware designs
- Adept at writing specifications, test protocols & test cases. Hands-on experience performing testing
- Experience hiring & manage firms, consultants and employees
- Clinical protocol development
- Experience in developing, evaluation, and protecting intellectual property through copyright, patents, and/or trade-secret
- Project management
- Data security, including protocols and encryption
- Master's Degree or PhD in engineering, computer science, or similar discipline
- Foundational understanding of business needs