

## **Medical Embedded Software Engineer**

Viveve Medical, Inc. is a medical technology company focused on women's intimate health. Viveve is committed to advancing new solutions to improve women's overall well-being and quality of life.

The Medical Embedded Software Engineer will work as an integral member of a dynamic engineering and Viveve team responsible for providing embedded system design, implementation, debug, and support of ARM MCU based systems.

### **ESSENTIAL DUTIES AND RESPONSIBILITIES:**

- Provide diagnostic evaluation of current deployed systems to determine root cause of failures.
- Provide embedded system design input and evaluation for current and next generation Viveve systems.
- Provide embedded system engineering interface with the manufactures of Viveve products.
- Establish requirements and ensure compliance to Viveve and FDA.
- Develop and maintain software Design History documentation in accordance with Viveve Quality Policy.
- Provide software V&V efforts for new and existing designs in accordance with Viveve Quality Policy.
- Ensure Viveve's compliance to all applicable software safety standards.
- Proactively develop and support company goals and objectives, policies and procedures, Good Manufacturing Practices, and FDA, MDD, and other regulations.
- Maintain a professional, credible image with Viveve employees, consultants, and suppliers.
- BS in Computer Science, Electrical Engineering or other related field
- Requires 5-7 years of embedded software engineering experience with 3-5 years of experience in the medical device field.
- C/C++ toolchain with Eclipse, IAR, Keil IDEs, and relevant software standards required.
- C# to JAVA, Groovy, Python, Objective-C, Swift and JavaScript
- Strong troubleshooting skills at the SW and HW levels, including the use of logic analyzers, oscilloscopes, and spectrum analyzers.
- Experience with state machine creation in SW/FPGA (Verilog preferred).
- Ability to interpret schematics, construction diagrams, BOM's and documentation packages.
- Mastery of Healthcare Standards
  - Integration Standards, Semantic vocabularies, HL-7 Standards
  - FDA SW validation processes and procedures, regulations, and approvals
  - Security and encryption techniques, including SHA-256, CRC's, etc.
  - Quality Frameworks
  - EHR and HIPAA
- Experience working with contract design firms and contract manufactures highly desired.
- Experience in Radio Frequency devices highly desired.

Viveve Medical, Inc. is an Equal Opportunity Employer  
Salary range: \$115,000 - \$125,000