



Embedded Firmware Engineer Location: Malvern, PA (On-Site)

Rajant Health Incorporated is looking for an **Embedded Firmware Engineer**. Rajant Health Incorporated (RHI) is building a healthcare assurance ecosystem to enable proactive and personalized health. We provide personalized health insights to promote a patient-centered experience that improves diagnostics, therapeutics, and communication.

Revolutionizing health discovery on a global scale is RHI's mission. RHI is backed by our parent company, Rajant Corporation (Malvern, PA), with 20+ years of technological experience. For more info, visit RajantHealth.com or follow Rajant Health on LinkedIn and YouTube. Join our team to become a part of this exciting step forward in healthcare!

Position Overview: Rajant Health Incorporated is looking for a talented and motivated **Firmware Engineer** (5+ years of experience) to join our team in Malvern, PA. This is an in-house position where you'll have the opportunity to be a key team player and contribute to exciting new developments of our next generation electronic products to support our healthcare company, partners and customers.

The engineer will be a part of the team working on implementing control software on cutting edge embedded products interfacing with healthcare providers, patients and employees, executing algorithms and wireless communications.

Key Responsibilities:

- Design, implement and test firmware subsystems, in collaboration with the product design team and hardware engineers, utilizing the hardware and embedded software technologies.
- Follow modern software practices and methodologies, adopt and improve software development infrastructure components for increased development efficiency and quality.
- Leverage Design For Reliability (DFR) for software, Agile and Lean software development methodologies to drive reliability into the product development life cycle
- Write technical specifications for their designs as well as for the designs for contract partners to execute.
- Must have the ability to articulate ideas within cross-functional discussions.
- Present or assist in the presentation of design improvement ideas, issue resolution, and analysis of technical data.
- Must use sound engineering principles to identify and resolve system and component-level issues.
- Collaborate with global teams to promote consistency and maximize synergies across common software platforms.
- Take ownership of tasks and deliver without supervision while using their discretion to seek help when necessary.
- Recognizes collaborative behavior and participates in collaborative activities.

Required Qualifications:

- Bachelor's Degree in Computer Engineering, Computer Science, Electrical Engineering or related computer field with 5 + years of experience.
- C and C++ in an embedded environment
- Working with processors such as Cypress PSoC, STM32, or other ARM-based processors
- I2C, SPI, I2S, GPIO interfacing
- Network protocols such as MQTT, HTTP, HTTPS
- Real-Time Operating Systems (RTOS)

Employment Type: Regular, Full-Time. **Location:** Malvern, PA. On-Site. **Apply:** Please send cover letter and resume to jointheteam@rajant.com.

Rajant Corporation is an Equal Opportunity Employer and does not discriminate on the basis of race, color, religion, gender, national origin, age, physical or mental impairment, sexual orientation or any other category protected under federal, state or local law. Rajant is a USG Contractor and complies with all US laws, regulations and Executive Orders.

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