

## ***Job Description – Envoy Medical***

### **Principal Software Architect**

**Work location: Onsite**

#### **Job Summary**

Reporting to the Director of Engineering/R&D, the Principal Software Architect will be responsible for managing and overseeing software design, development and sustaining activities at Envoy Medical. Additionally, this position will identify and manage the activities of outside software contractors/consultants. The Principal Software Architect needs to be a hands-on contributor who can work effectively in cross-functional teams while inspiring and motivating the team to complete projects quickly, efficiently and effectively to meet customer needs.

#### **Duties & Responsibilities:**

- Responsible for managing and overseeing the design and development of new software or extensive software revisions
- Serves as the top level technical expert by creating high-level architectural specifications and addressing problems of systems integration, compatibility
- Selects and utilizes tools and methodologies to ensure that software tests identify defects and comply with quality standards
- Develops, establishes, and maintains software quality assurance methodologies, systems, and practices which meet company, customer, and regulatory requirements
- Establish, maintain, review and approve documentation associated with planning, intended use, user requirements, hazard analysis, functional and design specifications, design reviews, V&V test plans/protocols/reports and traceability
- Design, implement, test, debug, and document integration solutions and enhance existing components to ensure that software meets the business needs, while in compliance with applicable regulations and processes
- Create test plans, test cases, and automation for new features and enhancements to existing features
- Evaluates test results against expected results, implements improvements to process and recommends alternative testing as needed
- Ensure SW/FW V&V complies with company policies, procedures and regulations
- Responsible for Validation to ensure the software meets user needs
- Lead debugging efforts, root cause investigations, and issue resolution
- Assist in workload planning and time estimation
- Prepare, review, submit, and maintain project/product documentation
- Adept at working on cross-functional teams
- Performs research on the potential project feasibility to management
- Specialist on complex technical and business matters
- Takes a team lead role for the work group
- Reports to Director of R&D

**Position Requirements:**

- Bachelor's degree in Computer Science, Engineering or related field with seven or more years of experience in software engineering OR Master's degree in Computer Science, Engineering or related field with five or more years of experience in software engineering
- Experienced working in an Agile software development environment
- Experience working (design, test, etc) within a regulated environment (FDA, MDR, etc)
- Potential for managing and building a SW development group

**Physical Job Requirements:**

The physical demands described within this job description are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

**Significant Work Activities:** Continuous sitting for prolonged periods, Keyboard use (greater or equal to 75% of the workday)

**Location:** Twin Cities Metro Area

**Travel:** Yes, <10% of the time

**About Envoy Medical Corporation:**

Envoy Medical Corporation, headquartered in White Bear Lake, Minnesota, is a privately held hearing health company focused on providing innovative technologies across the hearing loss spectrum. Envoy Medical has pioneered one-of-a-kind, fully implanted devices for hearing loss, including its fully implanted Esteem® active middle ear implant, commercially available in the U.S. since 2010, and the fully implanted Acclaim® cochlear implant, an investigational device. Envoy Medical is dedicated to pushing hearing technology beyond the status quo to improve access, usability, compliance and ultimately quality of life. For more information, please visit: [www.envoymedical.com](http://www.envoymedical.com).