



Contact: Terry McCarthy
(949) 716-3524
tmccarthy@prodigysearchgroup.com

Position: Director of Software Engineering
Supervisor: CTO
Industry: Medical Device
Location: Irvine, CA

Company Overview:

Our client is an emerging company located in Irvine, CA that is pioneering technology to enable life-saving kidney dialysis to be performed at home.

Job Description:

The Director of Software Engineering will be responsible for defining and optimizing process, driving innovation, leading teams, establishing and executing on software development goals and establishing a culture of quality. The role will lead the design, development, testing and maintenance of Software (Qt, Linux, Cloud, Mobile) and Embedded Firmware for our medical devices, as well as managing the engineering support and sustaining engineering activities of released products. This role is critical in contributing to their mission of developing solutions that improve lives impacted by kidney disease.

Essential Duties and Responsibilities:

- Meet software development objectives on time and with a level of quality performance
- Recruit, train, mentor, lead and retain best in class software engineering team that includes both employees, contractors and third-party development partners
- Own software resource strategy and planning, including strategic working relationships with external partners
- Develop and continuously improve efficient and compliant medical product development processes ensuring quality output
- Collaborate with product owners, architects, users and cross-functional groups and to translate corporate needs into high quality implementations
- Work with project managers, product owners, and technical leads to influence scope and priorities for product development
- Be accountable to the timely execution of project schedules
- Inspire and motivate the development teams to deliver innovative and exciting solutions with an appropriate sense of urgency
- Ensure a culture of design excellence, maturity, quality, collaboration, planning, and responsiveness in the software development team.
- Ensure department budgets, schedules, and performance requirements are met.

- Develop a strong relationship and shared vision with senior management. Help establish a common vision of development plans and priorities that align with corporate goals.
- Contribute to design reviews and other key meetings to drive technical solutions for product improvement

Qualification Requirements:

- Bachelor's degree in Computer Engineering or Computer Science (Masters preferred)
- Minimum of 10 years of R&D experience, at least 5 of which should include managing both direct reports and outsourced development partners.
- Demonstrate specific examples actioning change and influencing culture within an engineering organization
- History of growing a technical team and experience with organizational design
- A track record of launching software for complex electromechanical medical devices
- In-depth knowledge of the product development process and medical device design control requirements is required (21 CFR 820, ISO 13485). Working knowledge of GMP's and ISO standards.
- In-depth knowledge of the software product development lifecycle (IEC 62304) is required.
- Excellent communication skills with the ability to convey technical and business information clearly and effectively through informal and formal documents, reports, and presentations to
- Demonstrated ability to work on problems of a complex scope where analysis of situations or data involves multiple competing factors.