

Engineering Manager

Position Profile:

Under the supervision of the CEO, the Engineering Manager leads product design, mechanical, electrical and software engineering activities in order to achieve company goals.

The **Engineering Manager** is responsible for providing design and engineering deliverables that meet a range of technical, aesthetic, and performance requirements for a portfolio of projects. This individual will work with the CEO and product development team members to consistently deliver outstanding product design work by utilizing a range of engineering, management and leadership skills.

3rd Stone Design is a product design, strategy and development firm that provides consulting services to the medical device, renewable energy and consumer goods industries. We also develop, contract the manufacture of, and sell our own lines of products for the worldwide market, including the BiliDX point of care bilirubinometer, Hadli Device Monitoring System, Pumani bubble CPAP, and Stone Cold Systems, an actively cooled, vaccine transport device. Located in Sausalito, CA, we are a small and vibrant office with people who work hard, are passionate about our mission, and enjoy a good cup of coffee.

Duties and Responsibilities:

Under the supervision of the CEO, the Engineering Manager leads product design, mechanical, electrical and software engineering activities in order to achieve company goals.

Product Design and Engineering includes: Concept generation, system architecture, SolidWorks 3D CAD modeling of parts, assemblies and creation of drawings, electrical schematic and circuit design, PCB design and prototyping, software code architecture and development, supplier resourcing and technical research, testing and evaluation of prototypes and finished products, fabrication and assembly of models, prototypes and hardware.

The Engineering Manager is responsible for product lifecycle management using Arena PLM as well as design control using PDMWorks. Project Support may take the form of presentation material editing, printed material creation, and general project organization support. There will also be a fair amount of material management in the form of preparing samples for shipment, ordering goods, receiving components, and generally managing physical items used in prototype and short-run production efforts. For certain projects, more in-depth written reporting may be required; this could include lab test result write-ups or grant applications or reporting.

Particular Responsibilities Include:

- Leading the technical engineering effort on all products
- Managing staff designers and engineers on projects
- Leading project teams to the best solutions via a thorough process
- Developing product concepts, layouts and detailed designs
- Conducting engineering reviews of projects

Job Description

- Managing the product development process for compliance to Quality Management Systems requirements for medical devices – ISO 13485
- Developing talent within the organization to ensure that we have a bench of super capable technical players to meet the expected growth of the business
- Client and partner management: setting, managing and exceeding expectations
- Budget and schedule planning of the engineering and development portion of projects
- Actively contributing to the entire engineering team in terms of knowledge growth, process improvement and mentoring

Position Requirements / Qualifications:

- Bachelor's degree in a related Engineering field. Masters in Product Design, ME, or EE, or Technology Management considered an advantage
- 10-20+ years' experience in a design engineering role, with experience as the lead engineer on multiple projects, and direct management of employees required
- Excellent communication skills (spoken, written and sketched)
- Experience working with off-shore suppliers: across cultures, oceans, and time zones
- Working knowledge of high and low volume manufacturing processes
- Experience and working knowledge of medical device regulatory processes
- Exceptional mechanical conceptualization, analysis and visualization skills
- Experience with SolidWorks CAD, with senior expertise in PDMWorks administration
- Systems development understanding including sensors, optics, and smart electronics
- Experience guiding the work of others and directly supporting clients
- Ideally experience working closely with industrial and user interaction designers at a product development firm
- Experience taking multiple products from conceptual design through to manufacturing ramp up and commercialization
- Experience leading a project team and managing schedules and budgets
- Creative thinking, sound judgment, organization, diplomacy, thoroughness, professionalism, humor and an uncanny desire to do great work
- Ability to DEAL

Hours: Full Time Position

Benefits: 3 Weeks Paid Time Off + Major Holidays

Health & Disability Insurance

401(k) plan with company match

Flexible Spending Account for Medical.

Friendly Co-Workers, Meaningful Work, and a job that you'll want to come to!