



Senior Engineer, Project Lead

Location: San Francisco

Terms: Full-time with up to 15% travel

We seek those who will unabashedly and relentlessly join with us to close urgent healthcare gaps with medical technology. To those ends, D-Rev is seeking an energetic and mission-driven Senior Engineer, Project Lead as we bring high quality medical technologies to low-resource environments around the world. You will play an instrumental role in the development and testing of our neonatal CPAP (Continuous Positive Airway Pressure), teaming up with the existing team to take the current prototype design through DFM, first production lot, initial in-hospital use, and global scaling. Our safe and effective CPAP aims to combat Respiratory Distress Syndrome (RDS), which is responsible for the majority of the 1 million babies that die each year from prematurity related causes (please see here for [additional information](#).)

We are looking for a thoughtful and entrepreneurial person with hands-on **technical and project management expertise** in medical device development who thrives in a startup environment. You have both the foresight and experience to avoid roadblocks, and the drive and creativity to steer around those that inevitably appear.

Responsibilities

Project Management:

- Identification and mitigation of key project risks.
- Responsible for creating and managing timelines, budgets, resources, and product costs (maximizing "predictability" to set targets).
- Project planning: giving team members clear direction and specific feedback on goals.
- Own regulatory strategy and manage execution of 510(k) / CE submission(s).

Technical:

- Owning Design Verification and Validation (V&V) planning and management.
- Owning engineering work to support our on-staff Senior Engineers, inclusive of building DV fixtures & DFM for mechanical processes (injection molding).
- Liaising with our Indian manufacturing partner; managing the pilot build. (This may require up to 4 weeks in India over a 2 month time period.)

Qualifications

- Minimum Bachelor's Degree in Engineering, preferably mechanical, biomedical, or electrical
- Experience designing and testing early device prototypes through post-launch commercialization and successful scaling
- Experience obtaining 510(k) clearance or CE mark for a Class 2 device (or higher risk) and with ISO13485 quality system requirements
- Successful execution of human-centered design principles on a commercialized product



About D-Rev

D-Rev believes that good health is a human right. The need for quality healthcare spans the economic spectrum. Regardless of where you are from and what you do, health is critical to well-being, productivity, and autonomy. For people to live their best lives, they must be healthy. We exist to design and deliver medical technologies that close the quality healthcare gap for underserved populations.

We are a portfolio design company that prioritizes the user in the development of products and have been recognized by Fast Company as one of the World's Most Innovative organizations and the World Economic Forum as a Technology Pioneer. The scaling of our first product, Brilliance, is monumental in global health – it is one of the earliest examples of a nonprofit-developed global health product scaling through the market and impacting the world's poorest patients. D-Rev now has a portfolio addressing four critical health issues. To date, over [700,000](#) patients have been treated with a D-Rev device, and we have had sales in 60+ countries.

Over the next three years, D-Rev is expanding our product portfolio to 6+ product lines that will address critical health needs and close the quality gap in newborn health. After that, we will accelerate portfolio expansion to close ten globally critical health gaps by the year 2030, the target year of the UN's Sustainable Development Goals.

To apply, please email jobs@d-rev.org indicating "Senior Engineer, Project Lead" in the subject line. Please include a 1) resume (no longer than 1 page), 2) a cover letter briefly explaining why you're a fit and why you're interested, and 3) a simple portfolio highlighting examples of your work.

D-Rev is an equal opportunity employer. We value a diverse workforce and an inclusive culture. D-Rev encourages applications from all qualified individuals without regard to race, color, religion, gender, sexual orientation, age, national origin, marital status, citizenship, disability, or veteran status.