

Job Title: Co-founder Chief Technology Officer (CTO)

Company: [Stealth mode-spinoff]

Location: [Central district]

About Us: A pioneering spinoff from an established technology company, dedicated to revolutionizing the Remote Patient Monitoring (RPM) space. The company is lead and backed by proven and experienced entrepreneurs with proven success. We are developing the world's first contactless RPM system based on radar technology, eliminating the need for patient compliance and ensuring effortless and **continuous** patient monitoring. The system provides both clinical and adult daily living parameters with focus on specific chronic disease such as Heart Failure, COPD, Dementia and more. Our vision is to make a significant impact on healthcare by enhancing patient outcomes, desire to live at home all through innovative and accessible technology.

Position Overview: We are in search of a dynamic and visionary Co-founder and Chief Technology Officer (CTO) who possesses a deep understanding of Electrical Engineering, with a specialization in Radio and Signal Processing. As a CTO and co-founder, you will be instrumental in adapting, adjusting and continuously developing the current technology to the medical field, developing the ability to remotely and contactless obtain additional **clinical parameters**, and leading a dedicated R&D team. Your expertise will drive the technical innovation behind our contactless RPM system, reshaping patient monitoring in the healthcare sector.

Key Responsibilities:

- **Technology Adaptation:** Lead the adaptation of our existing radar technology to the medical space, ensuring seamless integration and functionality for remote patient monitoring.
- **Innovation and Development:** Drive the development of new clinical parameters and features, utilizing your expertise in signal processing and algorithms development to enhance the capabilities of the RPM system.
- **Leadership:** Utilize your proven experience to build, lead and inspire the R&D team, fostering a culture of innovation, collaboration, and excellence.
- **Programming Proficiency:** Demonstrate expertise in Matlab, Python, and C-coding, utilizing these skills to implement advanced algorithms and conduct simulations.
- **Radar System Design:** Apply your knowledge of radar system design and signal processing techniques to optimize the performance and accuracy of our contactless RPM system.

- **AI and Machine Learning (Advantage):** Leverage your expertise in AI and Machine Learning to explore advanced applications, enhancing the intelligence and functionality of our patient monitoring system.
- **Medical Device Experience (Advantage):** Utilize your background in Cardiovascular and/or Pulmonary related medical devices to provide valuable insights and contribute to the development of specialized healthcare solutions.

Qualifications:

- **Education:** M.Sc. or Ph.D. in Biomedical Engineering or Electrical Engineering. Specializing in Radio and Signal Processing.
- **Experience:** Minimum of 8 years of hands-on experience in signal processing and algorithms development, with a proven track record of leading successful R&D teams (CTO, VP R&D or Team leader)
- **Programming Skills:** Proficiency in Matlab, Python, and C-coding for algorithm implementation and simulation.
- **Technical Expertise:** Strong background in radar system design, signal processing, and system optimization.
- **Advantageous Skills:** Experience in AI and Machine Learning is an advantage. Background in Cardiovascular or Pulmonary related medical devices is also highly advantageous.

What We Offer:

- **Founding Role:** Opportunity to be a key co-founder, shaping the future of RPM within the healthcare technology.
- **Innovation Environment:** Collaborative and innovative work environment where your expertise is valued.
- **Groundbreaking Project:** Work on a pioneering project that has the potential to revolutionize patient monitoring globally.
- **Impactful Contribution:** Make a meaningful difference in the lives of patients by advancing the state of remote patient monitoring technology.

If you are a passionate and experienced technology leader who meets these qualifications and is ready to be a driving force in transforming healthcare, we invite you to join us in this transformative journey. Please submit your resume and a cover letter outlining your relevant experience and contributions to Mr. Eyal Karev at eyal.karev@gmail.com