Dear Hiring Manager,

I am excited to apply for the System Integration and Packaging Engineer position at Xsensio. The opportunity to contribute to the development of cutting-edge wearable medical devices aligns perfectly with my technical expertise, problem-solving mindset, and passion for innovation in healthcare.

With a Master’s degree in Civil Biomedical Engineering from the University of Liège, specializing in electronics, and a Master’s in Management and Industry Strategy from the University of Lisbon, I bring a unique blend of technical acumen and strategic thinking to system integration and medical device development. My academic background, complemented by internships in both biomedical engineering and industrial strategy, has equipped me with the skills to design, prototype, and optimize electromechanical systems for healthcare applications.

What I Bring to Xsensio:

* System Integration Expertise: Strong understanding of electromechanical system design, ensuring seamless integration of mechanical and electronic components.
* Prototyping & Mechanical Packaging: Experience with AutoCAD, rapid prototyping, and 3D modeling to develop ergonomic and manufacturable device enclosures.
* Testing & Regulatory Compliance: Familiarity with standards, mechanical durability testing, and verification protocols to meet medical device regulations.
* Cross-Functional Collaboration: Effective communicator with experience leading teams, gained through group works, scout team leader tasks, and involvement in multiple non-profit organizations.
* Problem-Solving & Innovation: A proactive and determined mindset, always looking for ways to optimize complex systems and improve product performance.

The prospect of working at Xsensio, a company revolutionizing real-time health monitoring through Lab-on-Skin™ technology, excites me. Your mission to advance digital health through innovative sensor technology perfectly aligns with my drive to contribute to impactful medical solutions. I am eager to bring my skills, enthusiasm, and adaptability to your team.

I would welcome the opportunity to discuss how my background and expertise can support Xsensio’s vision. Thank you for your time and consideration. I look forward to hearing from you.

Best regards,

Bernard Marchal