SpineGuard, an innovative medical device company, based in Vincennes (FRANCE), is looking for a Research & Development Engineer.

The Company:

Founded in 2009, SpineGuard is a French company based in Vincennes, deploying its dynamic surgical guidance (DSG®) technology in innovative and high-tech devices to improve and secure the insertion of bone implants.

Mission :

Within the technical team and under the supervision of the R&D manager, you will develop the next generation of devices, from concept definition to product release, as well as the improvement of the existing product lines.

Duties & Responsibilities

- Develop new devices using the company's proprietary technology in collaboration with a multidisciplinary team and in accordance with the requirements from the users, marketing, production and quality assurance departments.
- Manage projects and lead the project teams, control the project plans, monitor the budget, complete the technical files, and ensure project timing and objectives are achieved.
- Carry out the feasibility, prototyping, design and modeling phases.
- Define and execute testing, write test reports and technical notes.
- Be the internal and external contact for the technical aspects and for the entire project.
- Execute product development and launch medical devices in accordance with the company's quality system, which incorporates regulatory requirements from the different countries where products are sold.

Ideal Profile:

Mechanical engineer with high interest in medical devices.

Experience in the following areas is a must:

- Product design, CAD, Solidworks and technical drawings
- Project management, team work, reporting, documentation
- General engineering skills, knowledge of basic manufacturing processes and quality systems

Knowledge in the following areas would be an asset:

- Mechatronics and design of embedded systems including sensors, software, hardware and electronics integration
- Knowledge of Ansys CAD simulation
- Knowledge of the medical devices environment, associated standards and regulations (ISO 13458, FDA 21 CFR Part 820, CE marking, MDR, IEC 60601, IEC 62304, etc.)

English required, French is a plus.

Contact :

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