

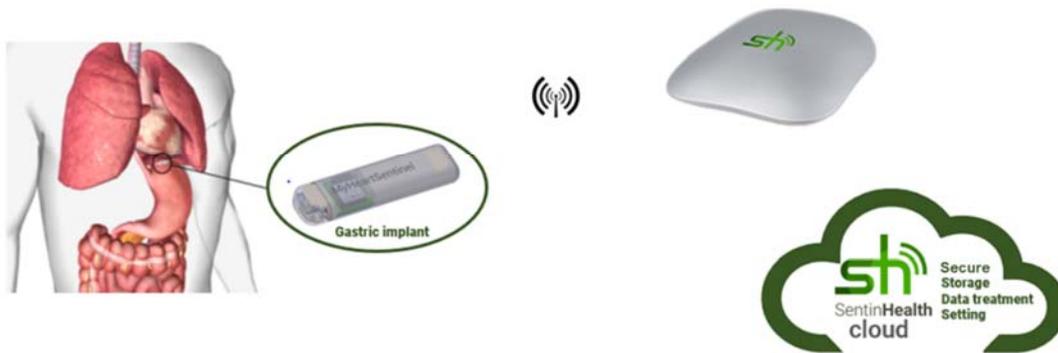
Embedded Electronics Engineer

SentinHealth is a MedTech startup established in 2017, focused on the development of integrated monitoring solutions to prevent heart failures and manage other chronic diseases in ageing patients.

We are developing an implantable medical device which communicates the patient's condition in order to detect symptoms as early as 30 days before heart failure, which allows doctors to administer a light and effective treatment and thus prevent hospitalization and potential adverse effects.

Our patented technology determines a composite index from multi-sensor physio-pathological signals and uses state-of-the-art algorithms to predict the evolution of the patient's condition.

SentinHealth currently conducts pre-clinical trial and will bring its first product to the market in 2023. As part of this development, we are hiring an engineer specialized in embedded electronics, with significant experience of critical systems, preferably medical devices.



Your Mission:

- Designing a low-power medical electronics system, which includes biosensors and an RF unit,
- Selecting and Validate the electronic components for the embedded system,
- Overseeing manufacturing of prototype boards,
- Defining test scenarios and designing the associated testbenches,
- Interpreting test results, and engaging in corrective actions,
- Producing documentation and reports in compliance with Medical Device regulations,
- Performing a technological watch (technologies, processes, methods...).

Your Profile:

- PhD or BAC+5 in electronics, embedded systems,
- CAD PCB (all types of software),
- Professional proficiency in English and French (written and spoken),
- At least one previous experience in medical devices or similar critical systems (2+ years),
- Some knowledge in the RF domain would be greatly appreciated.

It is a full-time position based in Grenoble, France. Salary depending on qualifications and experience.

Contact to apply:

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Job title: EN-EMB

