

SENIOR FIRMWARE ENGINEER

Salvia BioElectronics, High Tech Campus 41, Eindhoven, The Netherlands

ABOUT US

We are Salvia: an innovative startup active in the emerging field of bioelectronics. We derived the name Salvia from the Latin word *salvere*, which means to stay healthy. In addition, the Salvia-herb has been used to treat headaches, pain, and mental disorders over centuries.

Our mission is to deliver bioelectronic solutions that restore health for people suffering from chronic migraine. Salvia is ambitious: we want to provide drug-free solutions that are effective and inherently side-effect free and make our novel solutions widely accessible.

THE CHALLENGE

We offer a challenging position for a Senior Firmware Engineer with opportunities to grow with the organization. Working together with the Salvia development team and our external technology partners, you coordinate and contribute to the design and development of the firmware that is at the heart of our innovative active implantable medical device system, consisting of implantable and wearables devices. Closely collaborating with Salvia's test and usability engineers you take ownership and have a pragmatic approach towards the realization of our advanced medical devices. You enjoy working in a multi-disciplinary start-up environment and have a can-do attitude. You realize that quality is of paramount importance, and you are passionate about delivering solutions that truly stand out.

RESPONSIBILITIES

- Embedded software architecture design, and integral oversight and multi-disciplinary alignment to ensure the developed product is fit for purpose and meets all underlying quality requirements.
- Develop high-quality software and documentation according to medical device regulations (IEC 62304).
- Alignment with our System Architect, our implant development team and our external suppliers, and work coordination within our firmware team.

YOUR PROFILE

- Fundamental knowledge of low-level firmware (minimal 8 years' experience).
- Experienced in the development of software for medical devices (ISO62304)
- Pragmatic team player with excellent technical, communication and coordination skills.
- MSc or BSc degree in computer science, embedded systems or similar.
- Proven C and/or C++ coding abilities.
- Ability to read schematics is preferred.

CONTACT

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