



Solutions Engineer (Full-Stack, B2B Food Tech)

Location: Ghent (on-site with hybrid working options)

About Shelfion

Shelfion is an ambitious early-stage food tech start-up focused on improving shelf-life determination in the food industry. We combine advanced software with laboratory-based methodologies to help food companies accurately assess product shelf-life and food safety.

Our mission is to strengthen the sustainability and resilience of food systems through scientifically grounded technology and close collaboration with industry partners. We operate in a niche B2B market, delivering high-quality, high-value solutions.

The Role

We are looking for a **Full-Stack Software Developer** who will take primary responsibility for the further development of our existing software platform, hosted on **Google Cloud**.

You will be the main technical owner of the platform. You will be the **primary software developer** for the platform and will work closely with a small, multidisciplinary team including food microbiologists, data scientists, and a designer. This role therefore combines technical ownership with strong communication and collaboration skills.

We welcome junior profiles and recently graduated IT engineers who are motivated to grow into a responsible role and who have an interest in scientific or data-driven applications.

What Makes This Role Unique

- You'll work on **high-impact B2B software** used by a small number of professional users, where quality, clarity, and correctness matter more than scale
- The software directly supports **real-world food safety and shelf-life decisions**, giving your work tangible impact beyond the screen
- You'll collaborate closely with **scientists and domain experts**, translating experimental data and scientific models into practical, usable software
- The focus is on **thoughtful engineering and problem-solving**, rather than rapid feature churn or consumer-style growth metrics

If you enjoy building software that supports complex decision-making and want to understand the domain behind the code, this role offers a rare and rewarding opportunity.

Key Responsibilities

- Take end-to-end responsibility for the software development, maintenance, and technical quality of Shelfion's software platform
- Develop and maintain **frontend components in React**, in close collaboration with the designer
- Implement and extend **backend logic in TypeScript**, working together with food scientists to translate scientific concepts into software logic



- Manage and improve deployments and infrastructure within **Google Cloud Platform (GCP)**
- Ensure code quality, maintainability, and documentation appropriate for a science-driven B2B environment
- Act as a technical bridge between software and non-IT colleagues, helping the team understand what is possible and how the software works

Collaboration & Soft Skills We Value

- Willingness **to listen, ask questions**, and jointly reason about problems with scientists and designers
- Enjoy working in a **small, cross-functional team**, where collaboration and learning from each other are key to success
- A structured and thoughtful approach to problem-solving
- Ability to **explain technical concepts clearly** to non-technical colleagues
- Openness to feedback and iterative improvement

Your Profile

- Background in **IT engineering, computer science, or similar** (junior to medior level)
- Experience or strong interest in **full-stack development**
- Familiarity with **TypeScript** and **React**, or strong motivation to deepen these skills
- Interest in applied science or decision-support systems
- Comfortable taking responsibility while still learning and growing

What We Offer

- A key technical role in a growing food tech start-up with real industrial impact
- Significant ownership and learning opportunities, suitable for motivated junior profiles
- Daily collaboration with scientists and domain experts
- On-site role in **Ghent**, with **hybrid working arrangements** possible (not fully remote)
- A purpose-driven environment focused on sustainability and food system resilience

Interested?

If you are motivated to build high-quality B2B software, enjoy working across disciplines, and want to grow in a role with real responsibility, we would like to hear from you at hr@shelfion.com.