



Conservation Tech startup seeks

Full Stack Developer (5 month contract)

for exciting underwater computer vision software for sustainable oceans

Summary

- Salary: £65,000 annual, pro rata.
- Full-time or part-time (0.6-1.0 FTE)
- Duration: 1st April 2024 – 30th August 2024 (5 month contract)
- Location: remote with a monthly in-person visit to London, or in-person in our London studio.
- We are open to working with contractors/freelancers, but due to the nature of our funding, this role must be hired for as a member of our staff for the 5 month duration of the contract.
- **You must be eligible to work in the UK (you are a UK citizen, have residency status or a Visa).**
- **To apply: send CV, cover letter and work examples to enquiries@sntech.co.uk with subject '[SEAFRAME] Full Stack Developer (5 month contract) Application'.**

Why are we looking for you?

We've created an underwater camera that can make a real difference to sustainable fishing and biodiversity monitoring. Camera footage is viewed by fishing crews and scientists to improve their sustainability outcomes and track species behaviour. We are looking for a full stack developer to work with us to create an application that can help our users navigate overwhelming quantities of video data to find the insights they need to reduce bycatch, lower fuel emissions and eliminate seabed damage. We need you to help define architecture, implement and test code. We are designing with extreme users in an extreme environment, so you will be inventive, empathetic and work collaboratively with our team who have brought our existing marine products to market.

Overview: Full-time or part-time Full Stack Developer at SafetyNet Technologies

We are looking for a smart and dedicated Full Stack Developer to join our team for a short project. You want to put your passion for programming and software development to create impactful products for humans and the ocean environment. You want to work at an [award-winning](#) conservation technology company that is making a difference in the oceans and you want to work with similarly generous and diverse people that put engineering, design, science, business and innovation together to solve intractable conservation challenges.

About Us

[SafetyNet Technologies](#) (SNTech) are a [diverse team](#) of 10 designers, engineers, scientists and business specialists. We are united in our goal to improve our oceans by creating a sustainable future in fishing. We design and build high-quality LED lights, underwater video cameras and ocean sensors specifically for the commercial fishing industry.

Based remotely around the world, with workshops in Somerset House (London, UK), we have built strong links with the international commercial fishing industry, scientific community and regulatory bodies. There are solutions to the global overfishing problem and we aim to accelerate their discovery and implementation to enable maximum positive impact.

The Project

We are looking for a smart and dedicated Full Stack Developer to join our team for a short project to create an MVP prototype of a user-friendly application that analyses large volumes of video data for features of interest that we have identified. The user will select video files, select from a variety of computer vision models, and then be able to browse the results. The computer vision models are being developed separately by a Computer Vision Engineer, who you will be collaborating with to establish interfaces between the application and the models. This is defined by a comprehensive scope of work and series of wireframes.

We need you to define an overall approach and architecture with us, select appropriate technologies to use, and then build an MVP application that can be used within our company and with early-adopter alpha-customers to demonstrate its value. You will be implementing a build system to release code that is easy to update and maintainable. You will work closely with the product manager and computer vision engineer to identify priorities, schedule work and implement your code.

Responsibilities

This is an engineering position, with a focus on full stack development:

- Support the entire application lifecycle (concept, design, test, release, support) within the scope of the 5 month project and its requirement for a minimum viable product.
- Writing code to produce a fully functional windows application and interface APIs.
- Reviewing and giving feedback on UI mockups from the product manager before implementing them in code.
- Troubleshoot, test and debug. Write unit and UI tests to identify malfunctions.

Skills

As well as a passion for the oceans and conservation, we are looking for the following skills:

Technical skills

- A proven ability to write maintainable code both in front end components and back end services
- An ability to make appropriate architecture/platform/technology/interface choices based on user- and technical- requirements.
- Prior experience writing software that interacts with others' code and interfaces, as well as cloud services.
- Practised in agile delivery, test driven development, version control.

Collaborative skills

- Ability to work in a self-driven manner.

- Demonstrable skill in communicating effectively - you are able to represent the opportunities and challenges of software development, whilst recognising the concerns and priorities of other disciplines (in UX, business, hardware, etc.)
- Writing and being steered by user requirements, technical specifications, testing and quality considerations.
- Written skills to document your work, and verbal skills to engage with external parties.

Flexible Location

You will be working either remotely or from our physical studio in Somerset House, London, UK, where you'll find our workspace, engineering workshops, and kitchen. You are also welcome to apply to this role as a fully remote applicant, with the expectation to visit the studio once every month for check-in meetings.

Extras

- Make a BIG social/environmental impact using your skills in an exciting startup
- 10 days holiday (over 5 month contract) plus bank holidays
- Health insurance and Cashback plan available
- Flexible working options (both location and times of day)
- Cycle to work scheme
- Sustainable holiday travel incentives
- Mental health first aiders across the company
- We are currently trialling a 4.5 day working week (ie. Everyone has Friday afternoon off work except for emergencies) without loss of pay.

To Apply

Send CV, cover letter and work examples to enquiries@sntech.co.uk with subject '[SEAFRAME] Full Stack Developer (5 month contract) Application'. Please also email us if you have any questions regarding the position.

Equal opportunities

SafetyNet Technologies Ltd. (SNTech) is an equal opportunities employer, we welcome applicants from diverse backgrounds and we recruit regardless of race, ethnicity, religion, gender, gender identity, sexual orientation, age or disability status. Studies show that women are less likely to apply for roles unless they meet 100% of the requirements [[Mohr 2014](#)], whereas men apply when they meet at least 60% of the requirements. So regardless of how you identify, please apply if this is a role that would make you excited to work with us every day. **To help us reduce bias, please do not include a photo in your CV or application.**

We hope you consider joining us!

