



Conservation Tech startup seeks

Full Stack Developer (5mo. contract)

for exciting underwater computer vision software for sustainable oceans

Quick Summary

- Full or part-time (0.7 FTE minimum)
- Duration: 1st April 2024 – 30th August 2024 (5 month contract)
- Location: in-person in London OR remote with monthly in-person visits to London.
- Must have right to work in the UK. We cannot sponsor visas at this time.
- Salary: £65,000 annual, pro rata.
- 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.
- **To apply: send CV, cover letter and work examples to enquiries@sntech.co.uk with subject '[SEAFRAME] Full Stack Developer (5 month contract) Application'.**

Overview: Full- 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) takes a user-centred design approach to building smart solutions to overfishing and ocean conservation, backed by sound business models that help make the commercial fishing industry smarter and less wasteful. Based in Somerset House, [we are a team of 10 designers, engineers, scientists and business specialists](#) who 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 to enable maximum positive impact.

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. We need you to help us 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.

What is the job?

We need you to create a user-friendly application for analysing 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 (we are also working with a computer vision engineer for the machine learning portions of this project), and then be able to browse the results.

Starting from just a wireframe, we need you to define an overall approach and architecture with us, select appropriate technologies to use, and then build software that is testable and scalable to our needs. 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).
- Writing code to produce fully functional windows applications and interface APIs.
- Reviewing and giving feedback on UI mockups before implementing them in code.
- Troubleshoot, test and debug. Write unit and UI tests to identify malfunctions.

Skills:

Technical skills:

- A proven ability to write maintainable code both in front end components and back end services
- Demonstrable portfolio of prior work
- Practised in agile delivery, test driven development, version control.

Collaborative skills:

- 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 business, hardware engineering, 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.

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 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'.

Equal opportunities

SafetyNet Technologies Ltd. (SNTech) is an equal opportunities employer, we recruit regardless of race, religion, gender, gender identity, sexual orientation, age or disability status and look to employ from a wide range of backgrounds and experiences.

Studies show that women do not apply for roles unless they meet 100% of the requirements, 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 come in or log into work every day.

To help us reduce bias, please do not include a photo in your CV or application.

We hope you consider joining us!

