

Position Description

Position Title	Full-Stack Developer
Location	Remote (Australia-wide)
Position Areas	Information & Communication Technology / Engineering - Software
Type of Contract	Full Time Permanent

The Carbon Farming Foundation (CFF) is on the hunt for a Full-Stack Developer to join our team and contribute their passion and energy towards our vital purpose. This position is open to a remote arrangement Australia-wide with the opportunity to relocate to our Margaret River office long term.

We are going through a rapid stage of development and are ready to expand our internal software engineering team. The team’s primary function is the development and support of the CFF’s software platforms for internal and external stakeholders under the guidance of the CTO.

Our Organisation

The CFF is an Australian non-profit providing landholders SaaS and Carbon Farming Service Solutions, with the aim to provide these to 1 million hectares of Australian farmland by 2030. We exist to rapidly scale carbon sequestration and emission reduction activities in the Australian food and agriculture sector. Aiming to super-charge carbon farming as a nature-based-solution to climate change, to enhance biodiversity and holistically regenerate landscapes nation-wide.

The Role

You will work closely with the CTO to design, build, support and maintain a variety of applications and services created and owned by us, which also includes supporting and integrating any 3rd party applications used by staff. As a scale-up organization, this position currently covers a mix of software development and support in nurturing our Junior Developer

Some of the key responsibilities included in the role are:

- Developing high-quality development, test and production code.
- Managing enterprise workflows including moving code across multiple environments using a CI/CD process that tracks commits/versions shipped.
- Working closely with the CTO to manage and train junior staff and external contractors on expected coding standards.
- Performing regular code reviews.
- Determining business requirements when developing software applications.
- Building out deployment pipelines for software solutions.
- Using Azure and AWS to create modular API services.
- Automating internal workflows.
- Deploying and maintaining all technology infrastructure for platforms and company.
- Working with a range of data storage solutions including SQL, NoSQL, S3 buckets and potentially data lakes of GIS imagery.
- Front-end software development using the Angular Framework.
- Back-end software development using AWS Amplify, NodeJS, Docker containers and a range of other serverless technologies.
- Using Git for version control.
- Internal and 3rd party systems integration including heavily integrating 3rd party API's into CFF's solution stack.

Who We are Looking For

This position will suit a process-driven thinker, problem solver and team player. If you need rigid hierarchical structure, established processes and simple repetitive tasks, this isn't the position for you. You will be the kind of person who teases out all the details, feelings and opinions associated with a problem; then analyses the pros and cons of different solutions. You will have no problem taking action, thinking on the fly and getting things done quickly when necessary but you will also spend the time required to properly plan out those big projects.

We are seeking a motivated person who can add value to the design, development and overall output of the applications we build.

Attributes

- Self-directed, motivated and dependable.
- Inquisitive, tenacious and self-reflective, always looking for the root cause of a problem. Get a kick out of helping others and removing roadblocks.
- Communication comes easy and you are not afraid to speak your mind.
- Organised, resourceful and open-minded, working without guidelines comes naturally.
- Not precious about hierarchy, protocol, procedures or rule books - unnecessary processes frustrate you.
- Convergent thinker who likes to focus on 'getting things done', rather than creative explorations.

Required Skills & Experience

- 3+ years' experience in software development
- Highly proficient with TypeScript in Angular
- Strong experience with AWS ecosystem including deploying EC2 instances, working with Lambda's and API Gateway
- Strong knowledge of the dependencies, libraries and know-how to setup and deploy API endpoints, and to integrate almost any secure and documented 3rd party API data into the existing framework/codebase(s)
- Bachelors Degree in an associated IT field or AWS certifications will be highly regarded

The CFF is a growing scale-up and as our organisation develops, we are working hard to build a workforce that supports and encompasses equal opportunity. We are an open and inclusive team that celebrates diversity in all its shapes and forms. This is 2022! We encourage applicants from all walks of life.

Work Environment and Compensation

We are building an organisation to reflect the world we all want to live in. Our work philosophy is centred around individual freedom, trust and accountability. We do not have timesheets or set work hours, but rigorously commit to delivering on our promises. This creates a fast-paced but incredibly flexible work environment that allows people to operate by their own natural rhythm and in a way that embraces life outside of work.

Compensation will be competitively based on experience and relevant qualifications. In addition to full employee benefits, you will have the opportunity to work remotely anywhere in Australia meaning no commute, the ability to work from anywhere in the world for up to 4 weeks each year, access to learning and development opportunities, and the opportunity to work for a tech disrupter in a growing global sector.

How to Apply

To apply please forward a current CV to hello@carbonfarming.org.au ensuring you demonstrate your experience relevant to the role requirements. If you would like to send an accompanying cover letter, we would love to read it, but this is not a requirement.