Software Engineer (Python, AWS)

Cowes, Isle of Wight, UK (Remote options considered in UK or Brazil)

Full-time contract

Are you an experienced and motivated Software Engineer who wants to make real difference to the way the world economy works?
At the Ellen MacArthur Foundation, we build products and experiences that enable our global community of innovators to change the way the economy works. If you are an experienced Python developer, with knowledge of the Amazon Web Services (AWS) platform, looking to work in a flexible and innovative environment then we would love to hear from you.

Role and responsibilities
Reporting to our Technical Lead, your role will include:

- **Data platform development.** Contributing to the ongoing development of our cloud based (AWS) data platform.
- **Data pipeline.** Establishing optimal extraction, transformation and integration of data from a range of sources.
- **Security.** Ensuring data are stored and transmitted with appropriate levels of security, and that access control is carefully implemented and monitored.
- **Analytics.** Integrating analytics tools with data stored on the platform.
- **Agile development.** Working closely with both technical and non-technical colleagues, across a number of different teams, in an agile development environment.

Your profile

- You will be qualified to degree level in Computer Science or related studies, with a good academic record in relevant disciplines.
- Have at least 2 years’ experience working in a software development environment, with demonstrable understanding of how to expose data from systems (for example, through APIs), sort and query datasets, and implement or integrate front-end systems to allow access to the data.
- Be able to design, write and iterate code from prototype to production-ready, having an in-depth understanding of security, code quality and version control.
- Be familiar with cloud computing concepts and have experience working with the AWS ecosystem.
- Be self-driven with a high level of motivation.
- Have excellent communication skills with the ability to interact effectively at all levels of an organisation and to contribute proactively to problem solving in meetings and workshops.
- Be passionate about working for an organisation with a vision for positive change at a global scale.
Please apply with CV and covering letter to: Barbara Calland (barbara@emf.org)

Desired starting date: asap
Closing date: 14th March 2022
Salary package: £40k+ dependent on experience level plus generous holiday allowance (25 days plus discretionary extra days leave) generous parental leave; enhanced pension options/private health scheme after 6 months; wellbeing programme
Location: Cowes, Isle of Wight ideally but we do have some flexibility on this within the UK or Brazil.

What we do
The Ellen MacArthur Foundation develops and promotes the idea of a circular economy. We work with, and inspire, business, academia, policymakers, and institutions to mobilise systems solutions at scale, globally. Our mission is to accelerate the transition to a circular economy. Our vision is a new economic system that delivers better outcomes for people and the environment. Business models, products, and materials are designed to increase use and reuse, replicating the balance of the natural world, where nothing becomes waste and everything has value. A circular economy, increasingly built on renewable energy and materials, is distributed, diverse, and inclusive.

Our commitment to you
The Ellen MacArthur Foundation is committed to promoting equal opportunities in employment and providing a working environment free from discrimination. Job applicants will receive equal treatment regardless of age, disability, gender, gender reassignment, marital or civil partner status, pregnancy or maternity, race, colour, nationality, ethnic or national origin, religion or belief, sex or sexual orientation or any other characteristic protected by the laws or regulations in the locations where we operate.