Functional Software Developer
Rust, Typescript, Haskell, IOT

Moixa is a high growth venture and energy industry innovator which has established itself as the UK's leading residential smart battery storage company.

Moixa invents, manufactures and distributes smart energy technology including the Moixa Smart Battery range and Moixa GridShare - the battery asset management software platform that enables end customers to maximise the usage of renewable energy and unlock mass adoption of EV technology.

The role
We are looking for a Functional Software Developer to join our small, focused and collaborative team of talented developers; to build the features, the company needs to succeed in its mission. These include any subset of:

- Solving complex optimisation problems, using machine learning and other often bespoke algorithms.
- Building the required platform infrastructure to ingest and process big streams of data in real time, using AWS primitives.
- Designing and implementing the business logic to expose our functionality via APIs and UI interfaces, using functional programming and serverless computing.
- Developing the firmware for our hardware devices including optimisation on the edge and integrations with third party energy storage devices, using embedded Linux and Rust.

You will be encouraged to work and grow your knowledge on multiple parts of the stack according to your personal interests and abilities. Our team has a strong tradition of using functional programming and type systems to build pragmatic and flexible systems to satisfy business requirements.

Required skills:
- Functional programming experience in at least two strongly typed languages
- Unix operating systems

Advantages:
- Experience in any of: Typescript/Haskell/Rust
- Interest in the energy sector or IoT
- Familiarity with AWS tools
- Familiarity with front-end frameworks such as React/ReasonML/Reflex/Elm

You should be:
- Happy working in a small, fast moving team, in which your individual initiative and contributions can have a big impact.
- Motivated and enthusiastic, open to learn new things.
- Self-starter, managing own workload and deadlines.
- Able to work in our central London (Farringdon) office a minimum of 4 days a week.

Duration: Permanent   **Location:** Central London   **Salary:** £35k-£65k depending on experience

Start date: ASAP   **Other benefits:** Stock options, Pension, Flexible hours, Private health insurance

Contact: careers@moixa.com