

Experienced Mechanical Engineer in grid-scale Energy Storage Innovation: Gravitricity Ltd, Edinburgh

Gravitricity are a growing start-up developing a novel mechanical energy storage system. This is a crucial technology to enable decarbonisation of our energy systems. We have recently completed a very successful 250 kW demonstrator system and are now focused on the development of our full-scale technology. As the complexity and scope of our projects builds, we need dynamic engineers to drive forward the development of this innovative technology.

Job Brief

We are looking for an experienced Mechanical Engineer to play a key role in our small team. The right person will be very self-driven to work proactively across a number of areas of the technology. This will require a very strong engineering understanding and clear organisational view to take responsibility from early-stage conceptual design through to detailed design of systems and components. You will have to learn fast and be willing to work in a wide range of company areas, sometimes far outside your core expertise.

We are a small but growing team, working closely together and with a range of external companies and consultants, so a collaborative and entrepreneurial spirit is crucial along with great interpersonal and communication skills.

Requirements

- Mechanical engineering experience in industry (minimum 3 years)
- Very good understanding of mechanical engineering fundamentals
- Strong, well-tested detailed design skills
- Experience of working with steel structures to recognised design codes or standards (e.g. Eurocode, DNVGL, etc)
- Capabilities with 3D CAD software
- Degree in Mechanical Engineering or equivalent

Beneficial Skills

- Track record in the heavy lifting or mining sectors
- Stress analysis of fabricated structures and FEA experience desirable
- An understanding of the factors affecting the development of modern power systems
- Site experience: organising and running sub-contractors, site HSE and commissioning/testing documentation

Benefits

- Chance to make a significant impact within a small and dynamic company developing a technology vital for the global energy transition.
- Competitive salary dependent on experience
- Modern, flexible company: all staff given option to work 4-day week (pro rata)
- 6% employer pension contribution
- EMI options scheme

Application

We are a small company, actively building a diverse and passionate team, and encourage anybody with enthusiasm and know-how to apply, irrespective of your background.

In order to apply please send a CV and a cover letter, explaining why you would be motivated to work with us to recruitment@gravitricity.com.