

**Key details:**

Job Title: Senior Software Engineer  
Location: Cambridge  
Start Date: ASAP  
Duration: Permanent  
Salary: Competitive package + stock options

**About the company**

With the development of its patented [predictive corrosion technology](#), CorrosionRADAR (CR) is one of the fastest growing companies in the sphere of Industry 4.0. The organisation is an important enabler for asset digitalisation, delivering safer and more sustainable operations to the energy sector. CorrosionRADAR aims to make a significant impact in reducing the industrial carbon footprint in the race for a net-zero future.

Founded in 2017 and established in the global marketplace, we are at the forefront of delivering game-changing solutions for tackling corrosion, the biggest failure mechanism in the world. Our primary focus is the development of sensors, IIoT based remote monitoring systems and predictive analytics for some of the largest energy companies globally. Our proprietary predictive algorithms and corrosion monitoring systems are leading an era of predictive rather than reactive maintenance programmes.

Having secured significant investment from the world's largest energy company, we are ready for our next stage of growth, taking us to the next planned milestone. The CorrosionRADAR family is growing and we are looking for like-minded people to join us on this exciting journey!

Working for CorrosionRADAR is not only a job, it is an opportunity to be part of a fun, passionate, diverse, driven team and to work in a great environment that is intellectually stimulating, varied and rewarding. You will join the founders and an established staff of experienced and respected high achievers from the engineering and business sectors, all of whom are at the forefront of their fields.

We are big believers in teamwork and sharing in success. This job comes with option shares in recognition of the contribution made by each team member to the growth and success of the company.

Read on if you:

- Are passionate about creating a safer and more sustainable world.
- Would like to join a fun and dynamic team leading an exciting technology.
- Are driven by innovation and disruptive technologies.
- Are excited by being part of a high-tech business at the early phase of its growth journey.
- Have an entrepreneurial edge.
- Can see the amazing career potential in maximising this one-off opportunity.
- Relish the chance to work with the latest software and infrastructure technologies.

## About the role

We are looking for a talented full stack software engineer to join our development team. This is a rare opportunity to join us at just the right time and be part of our growth journey.

We are excited to be working with a variety of new technologies:

- Azure Cloud.
- Other cloud platforms AWS, CGP.
- Kubernetes and Docker.
- Javascript technologies.
- C#, Python, and Java.

## What you will be doing

- Developing and maintaining CR's cloud-based Industrial IOT software platform.
- Developing and maintaining CR's IOT platform and internal automation tools.
- Developing custom software solutions or tools to meet and achieve our clients specifications (e.g. visualisation, data processing).
- Building strong relationships, communicating and collaborating with clients and colleagues.

## You would be ideal for this role if you have:

- Strong and demonstrable experience working on full stack technology products.
- In-depth knowledge of software engineering principles.
- An interest in IoT and writing resilient software (cloud and desktop).
- Good understanding of strongly typed languages (Go, Java, JS, C/C++, C#, Scala etc).
- Knowledge of database (SQL and others).
- Experience and enjoy using agile and lean development practices.

## You might describe yourself as someone who:

- Sees the potential in our company and products, and is excited by the opportunity to join us now.
- Is genuinely interested in the kind of work we are doing.
- Loves to learn about all aspects of the software delivery life cycle.
- Wants to be involved in building an innovative product.
- Has a product mindset: cares about customer outcomes and wants to make data-informed decisions.
- Is comfortable working in an agile environment.

## Training and development

A career with CR offers an intellectually stimulating, varied and rewarding environment where you will join an already established team of high achievers, including the founding team and engineering leads with over 20 years' experience in distributed systems.

As a growing company, we are regularly exposed to a diverse range of technical and commercial activities. We actively encourage cross-functional working as well as site visits to

understand customer needs and the industry environment, meaning you get to enjoy both the development of our product and hands-on experience working in the field.

This is no ordinary role, and we are looking for no ordinary person.

**How to apply** - Please email your CV and a covering letter detailing your skills and experience to: [hr@corrosionradar.com](mailto:hr@corrosionradar.com)