

## Technology Developer - Electronics

We're looking for outstanding technical minds who enjoy being part of a great team and want opportunities to grow.

### Company Overview

Sentec is the world leading supplier of smart grid and metering technology. We work with partners to develop and produce next generation energy and water solutions. We're part of a rapidly growing industry to which our contribution is widely acknowledged, for example in winning the Queen's Award, three times in the last three years. Sentec innovations are making important contributions to some of today's key social and global resource issues.

Sentec has an open and supportive culture: we empower our people to deliver. We hire bright, thoughtful and motivated recruits and recognise that our success as an organisation depends on creating an environment where great employees can thrive. Teams are fluid and individuals are trusted to take-on stretching work within a supportive environment that emphasises the importance of strong communication and knowledge sharing. The fast paced, project based environment provides opportunities for motivated people to get involved in all aspects of delivery and to develop into new technical arenas.

This role offers you an exciting opportunity to be challenged and stimulated by your work. You will work on a wide range of projects, developing some of the most advanced and technically challenging innovations.

At Sentec you will be working in a rapidly evolving industry at an exciting time both for technologists developing solutions as well as for the sustainability agenda. In order to be successful you will need to demonstrate leadership in pursuit of technical solutions and novel ideas, have a hands-on approach to problem solving and ultimately managing projects against time, budget and client expectations.

### The role

This position is based in our Cambridge office and as a Technology Developer (Electronics) as well as being able to work on your initiative we are looking for you to have the following knowledge and experience:

#### Essential:

- Analogue electronics including power electronics
- Excellent understanding of transistors/opamps
- Good Control loop theory
- Experience with at least one analogue electronics simulation tool
- An understanding and ability to interpret schematics – what happens when an adjustment is made
- Self motivation and an ability to operate with minimal supervision

#### Desirable:

- Understanding of EMC issues and safety standards
- Competency with lab kit – proof point
- Some experience of project management would be useful

To be successful in this environment and realise your potential you will need to be:

- Highly self motivated
- Creative with hands-on problem solving abilities
- Strong in mathematical analysis
- Good A Level results and a good degree (2:1) in a relevant field i.e. Electronics or engineering (or similar)

### Embracing the surroundings

Cambridge's city centre is within a short 15 minute walk, so you're not far from shops and restaurants. The company hosts several parties each year, and employees organise informal

weekly pub lunches and after-work sports.

**Benefits:**

- Holiday package of 25 days per year
- Group life cover at 4 times basic salary
- Private health care
- Non-contributory pension scheme with excellent employer contributions
- Permanent health insurance
- Relocation expenses as appropriate
- Free on-site parking
- Employee referral bonus
- Childcare vouchers
- Cycle to work scheme
- Additional maternity and paternity benefits
- Free tea/coffee/biscuits/fruit



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