

Senior Mechanical Design Engineer

About us

Nusku is a technology start-up accelerating the move to electrified, low carbon heating in domestic homes. We are developing a cutting-edge home heating system which will transform the way heat pumps are installed in homes across the country.

Our aim is to help reduce the carbon emissions from the UK's 27 million homes, which currently account for around 20% of the UK's CO₂ footprint.

Following a successful pre-seed funding round and attracting Government funding, Nusku is going from strength to strength. We're looking to double the size of our team based at Future Space – the University of the West of England's innovation centre – as we develop our innovative product at pace.

What the job involves

Nusku is looking for an experienced Mechanical Design Engineer to work in our engineering team. You will collaborate closely with the founder and other employees within the development team to design and deliver critical components to the product roadmap.

Due to the size of the organisation, we would expect you to be involved in all aspects of the product development journey, from concept through to manufacture, and to grow this position as the company grows.

Who you are

We are looking for a skilled, experienced and motivated engineer to join our development team. We seek creative and analytical thinkers who can solve problems in various areas. If you are curious and able to deliver solutions, we want to hear from you.

To succeed in this role, you should have excellent collaboration skills, ask important questions, present your analysis, and refine your solutions. The requirements for this position are:

- A degree in Mechanical Engineering or related field
- Proven experience (min 3 years, preferably 5+)
- Sound understanding of basic mechanical/product design principles and the development of products and technologies through prototyping and testing
- Knowledge and understanding of multiple tooling and manufacturing techniques (including metalworking and fabrication)
- 3D CAD experience
- 2D drawings and concepting capability
- Experience developing tolerance stacks and DfM

How we work

This is a predominantly a site-based role, working with the product development team. We operate flexible working around this, enabling you to work where and when you work best.

Nusku is based at Future Space on the UWE Frenchay campus. This is a vibrant community of start-up and scale-up businesses in the science, tech and engineering sectors.

Application procedures

Please apply with CV and covering letter to joinus@nusku.co.uk