

# Electronics/Embedded Systems Engineer

FULL TIME  
2025

Product  
Design  
Connected

We're  
hiring!



# ELECTRONICS/EMBEDDED SYSTEMS ENGINEER



Filament are currently recruiting for a full time Electronics/Embedded System Engineer to join an industry leading agency this summer.

As an Electronics Engineer at Filament, you'll work alongside a multidisciplinary team of engineers and designers on a wide range of projects – from medical devices to consumer electronics. You'll encounter market-specific problems you never knew existed, and develop pragmatic, elegant solutions to solve them.

This role suits an adaptable all-rounder with strong electronics hardware design skills and a good grasp of embedded software. If you thrive in a fast-paced environment, enjoy variety, and value autonomy over being pigeonholed, this might be the role for you.

As part of the Filament team you will be involved in design, development and delivery of a variety of projects across multiple sectors including healthcare, life science, renewables, consumer electronics and industrial technology. On all projects we combine creativity with technical innovation, ensuring the customer experience is at the core.

## THE PACKAGE

- Full-time (35 hours per week)
- Position available immediately.
- Includes paid holidays (calculated pro-rata from start date) and flexible working hours.
- Salary: £38k-55k (DoE)
- Work from our amazing studio, workshop and electronics workshop. Hybrid Working available.

## KEY RESPONSIBILITIES INCLUDE:

- Assisting the existing design team on design, development, and execution of projects.
- Capture project requirements and generate development plans.
- Prototype and test early-stage concepts to solve real-world problems.
- Plan, design, and build bespoke electronics hardware.
- Program and test embedded systems.
- Manage a selection of projects in parallel.

## ESSENTIAL QUALIFICATIONS AND KNOWLEDGE

- The candidate will have a degree in Electronics and Electrical Engineering (or related discipline).
- Creative in approaching technical challenges.
- 5-10 years relevant industry experience.
- UK work authorisation.
- Solid understanding of Electronics/Electrical Engineering theory.
- Experience in mixed-signal hardware design (part selection, schematic capture, PCB layout & board bring-up)\*

- Proficiency in Embedded C and Real-Time Operating Systems (RTOS)
- Confident with embedded software debugging using standard tools
- Familiarity with common communications protocols (I2C, SPI, UART,
- UDP/TCP)
- Strong attention to detail and an awareness of the impact of design decisions
- Enthusiasm for technology, innovation, and product development
- Patience and persistence when things don't go to plan

\*As this being a design-focused role, applicants will be required to show a portfolio of their past design and development work.

## DESIRABLE SKILLS & ABILITIES

- Excellent problem-solving skills, the ability to exercise initiative, identify problems and suggest improved working methods.
- Proven communication skills, in particular communicating design concepts and technical information.
- Ability to prioritise tasks, work independently and effectively to meet deadlines.
- Must be a self-motivated and ambitious individual that also has the skill set to work effectively on a team.

- Previous experience taking a project from concept to production
- Experience with embedded software development processes
- RF or High-speed hardware design experience
- Hands-on skills (soldering, rework/reflow, test rig development)

## ABOUT FILAMENT

Filament are an industry-leading agency based in the Finnieston area of Glasgow.

Specialising in Connected Product Development, we develop products for a wide range of sectors including healthcare, circular economy, environmental impact / renewables, consumer and sports, industry and IoT and work across a full range of development disciplines to deliver success products. We transform technology into connected product experiences.

Filament are a growing creative and technical team. We strive to offer clients exemplary service, whilst pushing creative and technical output in terms of product usability, desirability and functionality. Clients range from exciting product 'start-ups' to international brands.

The company began trading in 2013 and is privately owned.

Find out a little more about us over on our website [www.filamentpd.com](http://www.filamentpd.com).

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