

## Job Description: Senior Project Engineer

### About Us

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At nuron, we are passionate about engineering a sustainable future. As a forward-thinking Infratech Services company, we develop reliable, scalable monitoring solutions to integrate technology into infrastructure, helping our customers to unlock hidden value and drive smarter, more sustainable operations.

We're growing fast — and we're looking for passionate, versatile engineers to grow with us.

We started out by inventing our unique wastewater monitoring and communication system and since 2022, we have expanded our services to include a wider range of utilities, industries, and customers, all with the goal of reducing carbon emissions, preventing pollution, and enhancing prosperity.

As we gear up for rapid growth, we're looking for a dynamic Senior Project Engineer to play a pivotal role in this new chapter of the business.

### Why Join Us

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- Be part of a **mission-driven team** making a global impact in utility tech.
- Take ownership of exciting projects and shape your own career path.
- Work in a collaborative, supportive environment that values innovation and growth.
- Enjoy opportunities to progress into senior technical or international roles.

### About You

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You're more than an engineer — you're a **strategic thinker, a technical authority**, and a **builder of teams and systems**. You thrive when trusted to take ownership and deliver, and you're motivated by the opportunity to shape processes, lead people, and elevate engineering standards across the board.

In your current role, you're likely to be managing the **full project lifecycle** — from writing client proposals to technical delivery — often juggling **multiple concurrent projects**, particularly within **feasibility analysis and concept design**. You're already acting as a **technical lead**, defining the right approach to client challenges before guiding teams through design, simulation, prototyping, and testing.

You're also invested in **team development** — mentoring junior engineers, reviewing work, and supporting professional growth. And your projects don't just get done — they're done well. You're passionate about more than just delivery — you help improve the business itself. Whether it's implementing a new **design review process** or launching an initiative to drive sustainability, you're someone who brings impact at every level.

You're confident enough to challenge the status quo, humble enough to listen, and passionate about building a culture of engineering excellence, where firefighting gives way to strategy, and process enables creativity.

You're based in or near Sheffield, and you're excited to be part of a business that's shaping the future through ambitious, high-impact work.

## The Role

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We look for people who are responsible, creative and spirited in everything they do. We're seeking a Senior Project Engineer to help deliver world-class technology solutions and lead multi-disciplinary engineering projects from concept to commercial rollout. This is a hands-on role ideal for someone with a 'can-do' attitude, a love for technology, and a passion for turning complex ideas into field-ready solutions.

### You'll play a key part in:

- Delivering commercially viable, scalable engineering solutions
- Supporting our engineering services clients to maximise the value of their utility assets
- Shaping nuron's engineering capabilities and internal standards as we scale globally

This is a unique opportunity to make a tangible impact and build your career in a supportive, fast-paced environment with opportunities to grow and develop your skills and experience.

### Key Responsibilities:

#### Project Management:

- Oversee multiple multi-discipline projects, ensuring delivery within scope, budget, and timeline.
- Drive continuous improvement of our technology in collaboration with Field Services, enhancing efficiency and reducing cost.

#### Technical Contribution:

- Engineer critical components of nuron's technology, ensuring all outputs are well-documented and field ready.
- Conduct research, technical analysis, and report writing to support project outcomes.
- Develop creative design solutions that add real value to our customers infrastructure
- Implement quality assurance processes and work closely with manufacturing partners.

#### Stakeholder Communication:

- Engage with internal teams and external partners to facilitate project progress.
- Own supplier relationships — from sourcing components to managing tooling, jigs, and fixtures for final assembly.

#### Resource and Budget Management:

- Ensure projects are executed efficiently within allocated budgets.

#### Documentation:

- Prepare reports, research summaries, and technical documents in a clear and digestible manner.

#### Continuous improvement:

- Stay updated with industry trends and emerging technologies relevant to projects.
- Contribute to team standards, engineering best practices, and our internal culture of technical excellence and continuous learning.
- Foster a culture of world-class safety, customer service, and innovation.

## Requirements

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### Essential

- Approximately 10 years' experience in engineering or technical disciplines, with a proven track record of delivering complex, multi-disciplinary projects
- A strong technical engineering background, grounded in practical, real-world application
- Proficiency with 3D modelling and CAD systems, including the ability to amend, control, and perform quality assurance on technical drawings
- A clear ability to communicate design intent to a wide range of stakeholders — technical and non-technical alike
- Experience managing people and projects, ideally within small, agile engineering teams
- A self-reliant, proactive work style, balanced with strong collaboration and leadership skills
- The ability to foster a culture of continuous improvement, bringing structure and control without stifling innovation or creativity
- Solid experience in problem-solving within complex systems
- A pragmatic, hands-on mindset with comfort navigating uncertainty and ambiguity
- Practical competence with hand tools and general machining tools
- Well-developed communication skills, both verbal and written
- A strong eye for detail, ensuring quality and consistency
- Confidence using the Microsoft Office suite to support project planning, reporting, and documentation

### Desirable but not essential

- Multidisciplinary background or experience in an engineering or technical related field
- Experience with Autodesk would be preferable.
- Optical fibre or telecoms experience
- Valid driver's license
- Experience producing benchtop prototypes and proving ideas in a fast-paced environment
- Experience in mass-production or value engineering design or management

### Reporting to:

**Location:** The Engineering Hub in Sheffield

**Hours:** 37.5hrs per week

**Salary:** Competitive

If interested, please email your CV to: [tom.garwood@nuron.tech](mailto:tom.garwood@nuron.tech)