



## Graduate Engineer

Competitive Salary D.O.E  
Full-time permanent role

You will work alongside a team of 11 structural engineers, producing structural drawings and calculations for projects varying from domestic scale to large commercial buildings. Ideally you will be familiar in working with the main structural materials i.e. concrete, steel, masonry and timber, numerically literate and analytical and have an attention for detail while taking professional pride in the quality and delivery of their work. Time management and organisational skills are vital.

You will be supported by highly experienced engineers and will be encouraged towards a role taking responsibility for the quality and consistency of engineering designs for the practice.

### Structural Engineering:

- Preparing and drafting Engineering designs with the opportunity to assist with key decision making throughout projects;
- Carry out design and analysis of structural elements and frames in main structural materials to current Eurocodes or British Standards, for residential and commercial structures;
- Produce clearly presented calculation reports for submission to Building Control for approval;
- Produce general arrangement, detail and section drawings using AutoCAD;
- Produce hand drawn schemes, typical details & sections;
- Have a pragmatic approach to producing engineering solutions considering site constraints, the clients/architects brief, buildability, sustainability and using engineering judgement and knowledge

### Technical Expertise:

- Degree qualified in Civil or Structural Engineering, Chartered Engineer;
- Awareness of the Eurocodes and awareness of the equivalent BS codes for the main structural materials;
- Exhibit knowledge and understanding of reinforcement detailing and scheduling;
- Awareness of the CDM Regulations;
- Be familiar with technical software such as TEDDS/Robot, AutoCAD
- Competent in Microsoft Office suite.

The key responsibilities of the role outlined above will develop over time enhancing opportunities for natural progression within the company.

### Why join us?

Established in 1995, Structural Solutions has a long track record of beautiful and elegantly engineered buildings. We are a medium size company of friendly and enthusiastic consulting engineers based in Bristol. Our experience and commitment to providing a high quality service have meant that more than 90% of our projects are with long established clients and contacts.

In 2017, we converted an old dairy building to create a vibrant and spacious open-plan office environment, with the aim of growing our team and increasing our presence in the market.

During the pandemic we have temporarily adapted to working from home and have kept in touch online joining bi-weekly online technical discussions and monthly Fri-yay drinks. The office is currently open for staff unable to work from home, we have Guidelines and procedures in place and clear screens between desks have been installed.

If this sounds like an opportunity that would suit you, we would love to hear from you!

Please send your CV & cover letter to [admin@structuralsolutions.co.uk](mailto:admin@structuralsolutions.co.uk).