



## Structural Engineer

Competitive Salary D.O.E  
3 Years' Post Grad Experience  
Full-time permanent role

As a Structural Engineer with a minimum of 3 years post-grad experience, you will take responsibility for your designs from start to finish. Excellent communication skills will be essential to establish relationships with the design team and clients. You will need to enjoy working in a busy time-pressured environment as part of a team or on your own initiative to meet multiple fixed deadlines on time and within budget.

Our ideal candidate will have experience working on small jobs with contract values ranging from £50,000 to £4,000,000. They will be confident 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.

### Structural Engineering:

- Produce outline and detailed (as appropriate) structural scheme design for a wide variety of 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 or oversee clearly presented calculation reports for submission to Building Control for approval;
- Produce or oversee the production of general arrangements, details 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 experience.

### Technical Expertise:

- Degree qualified in Civil or Structural Engineering, Chartered Engineer with MIstructE or MICE or working towards achieving Chartered status;
- Knowledge of the Eurocodes and knowledge of the equivalent BS codes for the main structural materials;
- Understanding of the CDM Regulations;
- Competent in technical software such as TEDDS/Robot, AutoCAD/Revit and Bluebeam as well as Microsoft Office suite.

### Project Management:

- Be able to work on multiple projects simultaneously and competently with supervision;
- Liaise with architects, clients, statutory authorities, design teams and contractors regularly and effectively.
- Deal with day-to-day queries from site promptly and represent us at design and site meetings.
- Efficiently manage projects and client expectations;
- Regularly monitor project budgets;

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).