

Project Structural Engineer / Senior Project Structural Engineer Between 4 and 8+ years' experience

SD Engineers is seeking a highly organised, enthusiastic, and personable Structural Engineer to join our dynamic team in our central London location.

This full time position is available to start in January 2025. To apply, please send through your CV and tell us how your skills and experience match our needs.

About SD Engineers

We are a Structural Award winning practice of imaginative engineers collaborating with some of the country's most ambitious architects and clients to deliver the highest quality buildings and infrastructure projects. As creative problem solvers, we help clients realise their designs by truly understanding the narrative and intent behind each project. Our experience as structural and civil engineers allows us to work at all scales and across all typologies, acting as a reliable partner throughout the design and build process. We are committed to delivering low carbon designs and will actively suggest ways to reduce impact on the environment, and undertake carbon counting exercises to justify our approach.

About the role – Project Structural Engineer

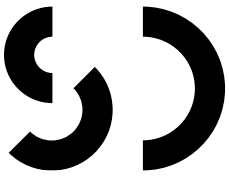
A Project Structural Engineer is the main project point of contact within the practice. Having developed their experience as a graduate and structural engineer, they take a lead on delivery of projects while being supported technically and commercially by our senior team. Project Structural Engineers are exposed to both concept and detailed design stages of a project and develop close relationships with project architects and the wider design team.

About the role – Senior Project Structural Engineer

A Senior Project Engineer is the main design engineer on our more complex projects, and takes the lead role in the delivery of projects on a smaller scale when working with Graduate and Design Engineers – all while being supported technically and commercially by our management team. A Senior Project Engineer is exposed to both concept and detailed design stages of a project. They will have developed a solid basis of technical understanding on a range of building types and sectors.

Key requirements

This role requires someone who is self-motivated, embraces responsibility, and has a good understanding of construction. The ideal candidate would be highly personable, enjoy working in a team environment, and possess strong design skills to deliver high quality engineering on a wide range of projects.



The successful candidate must hold an IStructE/ICE recognised degree in structural engineering, and be driven towards achieving chartered status with the IStructE or ICE.

Exceptional communication skills are a requirement for this role as we collaborate with numerous stakeholders and design disciplines on all projects. Being a reliable and highly organised team player is an essential part of this role to ensure we meet strict deadlines.

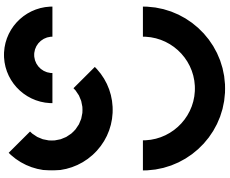
You need to be passionate about structural engineering and have a real desire to take building projects through the design process and see them built onsite. This role will fit someone who is proactive and able to undertake tasks independently as well as part of a team.

SD Team Benefits

- Excellent career development opportunities with weekly in-house CPD sessions, monthly training time, and support to gain IStructE or ICE chartered status.
- Technology and Cycle to Work salary sacrifice scheme.
- Pension contribution of up to 6%.
- Generous profit share bonus scheme, up to 15% annually.
- 26 days annual leave, with additional leave awarded on an employees' 5th and 10th anniversaries. Purchase up to five additional days of annual leave per year.
- Flexible working arrangements split between the office and home with up to two days per week based from home for full time staff, with flexible start and finish times also an option.
- Extended remote working to work from anywhere in the world for up to two weeks per year.
- Enhanced sickness leave.
- Enhanced Paternity Pay of full pay for two weeks.
- Enhanced Maternity Pay of full pay for six weeks, followed by 25 weeks at 50% full salary.
- Enhanced Adoption Pay of full pay for six weeks, followed by 25 weeks at 50% full salary.
- Sabbatical Leave – unpaid leave for up to 12 weeks without any change to position or contract upon return.
- Regular social activities including Annual Summer Day, Christmas Lunch, monthly pub social, monthly alcohol-free social, weekly wellness sessions.
- Employee Assistance Programme offering resources for wellbeing and access to trained therapists.

Salary

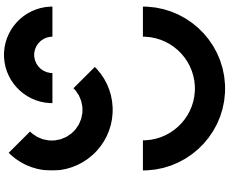
£38,000 - £50,000, depending on experience.



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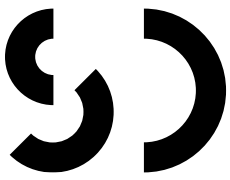
We are conscientious people and place great emphasis on social value. Our aim is to provide a diverse, healthy, motivated, inclusive, and enjoyable workplace. We are an equal opportunities employer and encourage applications from underrepresented groups within the built environment industry.



Senior Project Structural Engineer

Main Role and Responsibilities:

- Undertake and oversee the production of design calculations, sketches, and reports to a high level.
- Delegate packages of work effectively and supporting graduates and design engineers in their work, and mentoring/assisting in their training.
- Act as the design team's main point of contact on small to large projects depending on level of complexity.
- Have a strong understanding of the commercial and financial aspects of the projects and understand when contract and scope variations occur.
- Undertake the scheme level design for small to large scale projects (depending on complexity) for presentation and sign off by the project director.
- Support the project directors with commercial and financial aspects of their projects.
- Assist the project directors with the resourcing of their projects.
- Collaborate effectively with the BIM team.
- Undertake complex site visits as necessary.
- Actively development client relationships.
- Prepare fee proposals for small and medium scale projects and assist with fee proposals on more complex projects on request by a project director.
- Ensure H&S documentation complete and considered on all projects ready for approval by the project director.



Project Structural Engineer

Main Role and Responsibilities:

- Undertake the majority of design calculations and produce sketches and reports reliably and consistently with support from a senior member of the team at brief and review stages.
- Act as the design team's main point of contact on small to medium projects depending on level of expertise.
- Have an understanding of the commercial and financial aspects of the projects and understand when contract and scope variations occur. Support the project director in identifying these variations.
- Undertake the scheme level design for small to medium scale projects (depending on level of experience) for presentation and sign off by a senior member of the team.
- Aid project directors in the production of fee proposals for small scale projects.
- Support the project directors with commercial and financial aspects of their projects.
- Assist the project directors with the resourcing of their projects.
- Collaborate effectively with the BIM team.
- Undertake site visits as necessary, supported by a senior member of the team where appropriate.
- Delegate some simple tasks to graduates and apprentices, providing support and guidance.