

Blackwater Tech

<https://dev.blackwater.tech/job/structural-engineer/>

Structural Engineer

Description

Job Summary

Hiring organization

Blackwater Tech

Date posted

July 12, 2024

- Design delivery: prepare, review, and approve calculations, drawings and other documentation.
- Managing a design team and providing guidance and mentoring to junior members.
- Delivering multiple small projects and or tasks within budget and to schedule.
- Review and agree scope for elements of work, prepare proposals and manage project finances.
- Qualified to BEng level or above in Structural or Civil Engineering.
- Excellent time management and the ability prioritise execution of work.
- High level of attention to detail.
- Experience of high-rise design is preferable.
- Strong understanding of holistic sustainable design from a structural engineering perspective.
- Experience in the assessment and re-use of existing structures (concrete and steel, and ideally masonry and timber).
- Experience of the utilisation of timber in modern structural design.
- Work independently and demonstrated ability to lead small teams in the preparation of design related to structures and temporary works.
- Strong first principles knowledge and understanding in structural engineering.
- Relevant design and delivery experience with reinforced concrete, post-tensioned concrete, structural steel, timber and masonry structures.
- Familiar with analysis and design software (Tedds).
- Good knowledge of current building standards, analysis and codes of practice UK.
- Good level of English, experience working in projects in the UK

Responsibilities

Key Skills

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- Design delivery: prepare, review, and approve calculations, drawings and other documentation.
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- Delivering multiple small projects and or tasks within budget and to schedule.
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Qualifications

Qualification

Degree qualified in Civil or Structural engineering