

Intermediate-Principal Mechanical Engineer

Full Time

An exciting opportunity for a talented Intermediate to Principal level Mechanical Engineer to join our friendly and growing Building Services, Environmental Design and Low Carbon Engineering practice based in Bristol.



About us

E3 Consulting Engineers is a dynamic building services and low carbon design practice at the forefront of low energy building design, working in a range of industry sectors. We deliver diverse, award-winning, and low-carbon buildings as well as low-energy retrofits of existing and heritage buildings. We are twice winners of the CIBSE Performance Awards for our work on low energy Passivhaus buildings and we work with nationally recognised architectural practices throughout the country. Our goal is to provide high quality, functional, low energy, comfortable buildings with as little impact on the environment as possible.

How we work

Once you become a part of our team, you will have the autonomy and responsibility for leading the mechanical design on a number of interesting and challenging projects, coordinating with both the Client and external design teams. Our organisational structure and friendly team will ensure that you are provided with support from our partners, graduates, and your peers.

About the role

Day to day at E3 will include:

- Developing and designing low-energy, sustainable mechanical systems
- Leading on building physics analysis for your projects
- Undertaking the calculations which form the basis of your design
- Producing design drawings and participating in the preparation of reports and specifications
- Engaging with other specialists to integrate and coordinate their systems into your design
- Monitoring progress on site, taking a leading role during commissioning and handover
- Supervising and mentoring graduate and assistant engineers
- Developing relationships with architects and clients to help grow the business.

About you

The ideal candidate will have the following skills and qualifications:

- CEng - Chartered member of (or working towards) a professional institution. We offer dedicated mentorship for those working towards CEng status
- Ideally 4+ years working in a Mechanical Building Services role
- BEng/MEng degree in Mechanical Engineering or relevant subject or an equivalent technical qualification
- Knowledge and experience of working on sustainable and low carbon projects
- Active interest in responding to the climate emergency
- Competent user of design software such as Autocad and Revit
- Non-essential but beneficial experience using design software such as IES, PHPP and SAP
- Ability to work well within a team, both internally and externally
- Be motivated, practically minded, independent and enthusiastic.

What we offer

We are a supportive employer with an excellent reputation. We will provide a role full of exciting challenges.

Benefits include:

- Competitive salary
- Performance related bonus scheme
- Support towards professional accreditation and associated annual subscription
- 25 days annual leave plus Bank holidays, with the option to purchase additional days
- Flexible and hybrid working
- TOIL policy
- Pension scheme
- Life insurance
- Monthly socials and biannual away-days
- Professional development opportunities: in-house CPDs, conferences etc
- Socials and away-days
- Cycle to work scheme.

Salary

Dependent on experience.

How to apply

- Please send your CV and a covering letter to info@e3ce.com.
- Your letter should tell us about yourself, your experience, hopes and ambitions, and what inspires you.
- If you have any additional queries, or would like an informal conversation about the role, please contact Hugh Griffiths via info@e3ce.com

We look forward to hearing from you!