

Job Description



Job Title: Junior Consultant - Modelling

Overview of Role

Tilt Consulting is an agile & growing company. Our core values are independence, integrity, innovation and inclusion. We want every one of our people to be inquisitive, self-starting and confident. They must possess high levels of integrity and be great at communicating with stakeholders. Importantly, they must set an example to others in their fulfilment of our values.

We are offering an exciting opportunity for a **Junior Consultant - Modelling** to join our growing team. Successful candidates will undertake hands-on modelling and analysis of railway systems, using industry standard specialist simulation software, for a diverse range of clients and assignments. At Tilt, we employ powerful simulation and modelling techniques, to help our clients understand the performance and capability of their rail systems and to assess the impact of proposed changes to infrastructure, timetables and rolling stock.

The role will include a wide range of both internal and external projects. Examples include:

Internal

- Defining new business processes and supporting their implementation.
- Supporting internal initiatives, including STEM, EDI, Social Media, Client Engagement.
- Conducting market analyses.
- Supporting Bid writing.

External

- Working as part of a Tilt project team in the timely delivery of simulation modelling studies related to new-build railways and major railway layout and resignalling schemes.
- Working as part of a Tilt project team in the delivery of other key client technical work packages.

Responsibilities

- Work within the defined scope of works to deliver modelling assignments to the client.
- Work with the Tilt Project Manager to ensure modelling assignments are delivered against quality, time and cost criteria.
- Work with experienced colleagues to develop skills in railway engineering and consultancy
- Build and maintain constructive relationships with client(s).
- Provide support on assigned Tilt internal activities.

Attributes Required for Role

You will need to be strongly analytical, technically minded, highly computer-literate, focused, comfortable working with complex software and willing to devote time to working with challenging assignments. Full training will be provided where use of specialised, complex software is required for the role.

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Essential

- The ability to analyse complex data, draw conclusions, produce reports and make recommendations.
- The ability to be accountable to yourself and to reliably execute on commitments.
- A high degree of computer literacy.
- Working towards or have attained a computing, science or engineering degree or equivalent.
- The ability to communicate effectively, both orally and in writing, with people at all levels across the business including external stakeholders.
- The ability to build effective working relationships with people at all levels across the organisation, including external parties.
- The ability to learn and apply new knowledge within allocated assignments.
- The ability to remain focused and possess a strong degree of detail.

Desirable

- Prior experience of railway simulation software such as TRENO, Opentrack or RailSys.
- Software programming / data analysis skills (e.g. BI, Python).
- Broader experience of working in the railway industry.
- Experience of technical project management / project engineering.
- Comfortable working face-to-face with clients.
- Previous engineering consultancy experience.
- Hold a Continuing Professional Development record.

Equality, Diversity and Inclusion

We are committed to encouraging and promoting equality, diversity and inclusion for all staff and job applicants. We aim to create a working environment in which all individuals are able to make best use of their skills, free from discrimination or harassment, and in which all decisions are based on merit.

Additional Information

Successful applicants are expected to work remotely, office based, or at clients premises depending on assignment needs.

Remuneration and Benefits Include

- A competitive salary is offered, based on experience and specialisms.
- 25 days holiday plus public and bank holidays.
- Competitive pension scheme.
- Annual travel allowance.
- Access to co-working spaces or team office.
- Employee personal development allowance